

REDACTED

LB 88811

United States Environmental Protection Agency
Region 4



35TH AVENUE REMOVAL INVESTIGATION
BIRMINGHAM, ALABAMA
JEFF CROWLEY, ON-SCENE COORDINATOR

FIELD SAMPLING LOGBOOK

Book ____ of ____

Inclusive Dates: 11/26/12 - 11/30/12

List of Sampling Team in logbook:

Name	Initials	Organization/Duties
(b) (6)		<u>OTIE</u> , Team Leader
		<u>OTIE Sub/LRS</u>

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General Soil Descriptions

Color	Abbv
Black	blk
Brown	bwn
Light Brown	lt/bwn
Dark Brown	dk/bwn
Gray	gry
Light Gray	lt/gry
Olive Gray	olv/gry
Greenish Gray	grn/gry
Dark Gray	dk/gry
Tan	tn
Light Tan	lt/tn
Orange	Org
Red	Rd

Soils	Abbv
Clay	CL
Sandy Clay	sndy CL
Silty Clay	slty CL
Sand	Snd
Silty Sand	slty Snd
Silt	slt
Grass	grs
Organic	Org

Sizes	Abbv
Coarse	C
Coarse to medium	c-m
Coarse to fine	c-f
Medium to fine	m-f
Fine	f

Texture	Abbv
Hard	hrd
Dry	Dry
brittle	brt
Stiff	stf
Very Stiff	vry stf
soft	sft
Very Soft	vry sft
Damp	dmp
Wet	wt
Wet	wt

Sampling Procedures and Methodology

Unless specified elsewhere in this logbook, all soil samples will be collected in accordance with the EPA Science and Ecosystem Division (SESD) Field Branches Quality System and Technical Procedures (FBQSTP) Soil Sampling (SESDPROC-300-R2) based on the following design.

The total number of 5-point composite surface soil samples (0-4 inches below ground surface) to be collected from each property will be based on the lot size as follows:

- For residential properties with a total parcel lot size equal to or less than (\leq) 5,000 square feet - the front yard and back yards of each property. If the property has a substantial side yard (primarily corner lots), then one composite soil sample may also be collected from the side yard. Aliquots will be collected away from influences with drip lines and burn areas in a five dice configuration (each of the four corners and the center).
- For residential properties with a total parcel lot size greater than ($>$) 5,000 square feet and $\leq \frac{1}{4}$ -acre - the property should be divided into two roughly equal surface areas. If the property has a substantial side yard (primarily corner lots), then one composite soil sample may be collected from the side yard with the remainder of the property being divided into two roughly equal surface areas. Aliquots will be collected away from influences including drip lines and burn areas with reasonably equal spacing between aliquots.
- Residential properties over $\frac{1}{4}$ -acre in parcel lot size will be divided into $\frac{1}{4}$ -acre sections. When dividing any such property with a substantial side yard (primarily corner lots), one composite soil sample may be collected from the side yard. Aliquots will be collected away from influences including drip lines and burn areas in a five dice configuration, if possible, with reasonably equal spacing between aliquots.

Grab surface soil samples will be collected from apparent exposure pathways where active play sets are located.

Three-point composite surface soil samples will be collected from distinct vegetable gardens from each residential property.

Samples shall not be collected under paved areas or under stationary fixed structures.

Grab sediment samples will be collected in accordance with EPA SESD FBSTP Sediment Sampling (SESDPROC-200-R2) from any surface water drainage pathways located on individual properties, as directed by the OSC, and in and along the banks of the 34th Street North Ditch.

Each surface soil or sediment sample should be homogenized in a stainless steel bowl. One 8-ounce jar will be filled and the remaining sample material will be placed in zip-top bags for screening. Information identifying the location, sample, and date/time will be inscribed on each jar and zip-top bag.

All sample bags will be screened for metals in accordance with SESD FBQSTP Field XRF Measurement (SESDPROC-107-R2) using a Niton XRF. The sample will be dried before sieving or analysis is performed. Once the sample has dried, the sample will be divided into two subsamples; one subsample will be sieved through a #10 screen (2 mm) and the other will be left unsieved. Once separated into sieved and unsieved samples, the zip-top bag will be compressed by folding over the excess plastic and removing as much air and space from the sample as possible. The XRF will be placed directly on the exterior of the compressed sample in the plastic zip-top bag to measure metals concentrations. Following XRF screening, the unsieved portion of the sample material will be containerized into one 8-ounce jars and the sieved portion of the sample will be containerized into another 8-ounce jar.

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Based on the site DQOs the 8-ounce jars of surface soil and sediment samples should be submitted to PEL, Tampa, Florida (a NELAC certified laboratory) for low level PAH, and/or TCL SVOC, RCRA metals, PCB, and/or Hexavalent Chromium analysis. RCRA metals will be analyzed from both the sieved and unsieved portions of the sample. All other analysis will be conducted on the unsieved portion.

The location of each aliquot will also be logged in accordance with SESD FBQSTP Global Positioning System (SESDPROC- 110-R3) using a Trimble GPS.

A description of the color and texture of the aliquot material will be recorded in each box.

The **station ID** for each location will consist of seven characters, beginning with the six digit Property ID designation for the property followed by a alphabetic letter beginning with “A”.

e.g. CV0001A would be the station ID for the front yard 5-pt composite sample collected at the property with Property ID CV0001.

The **sample ID** for each sample is the station ID with “CS” (composite soil), “GS” (grab soil), “SD” (sediment), or “SW” (surface water) appended, therefore, the sample ID for this sample would be CV0001A-CS. Co-located duplicates will be designated by appending a “D” to the end of the sample ID. Pan splits will be identified by appending an “SP” to the end of the sample ID.

(b) (6)

ADDRESS: _____
DATE: 11-26-12

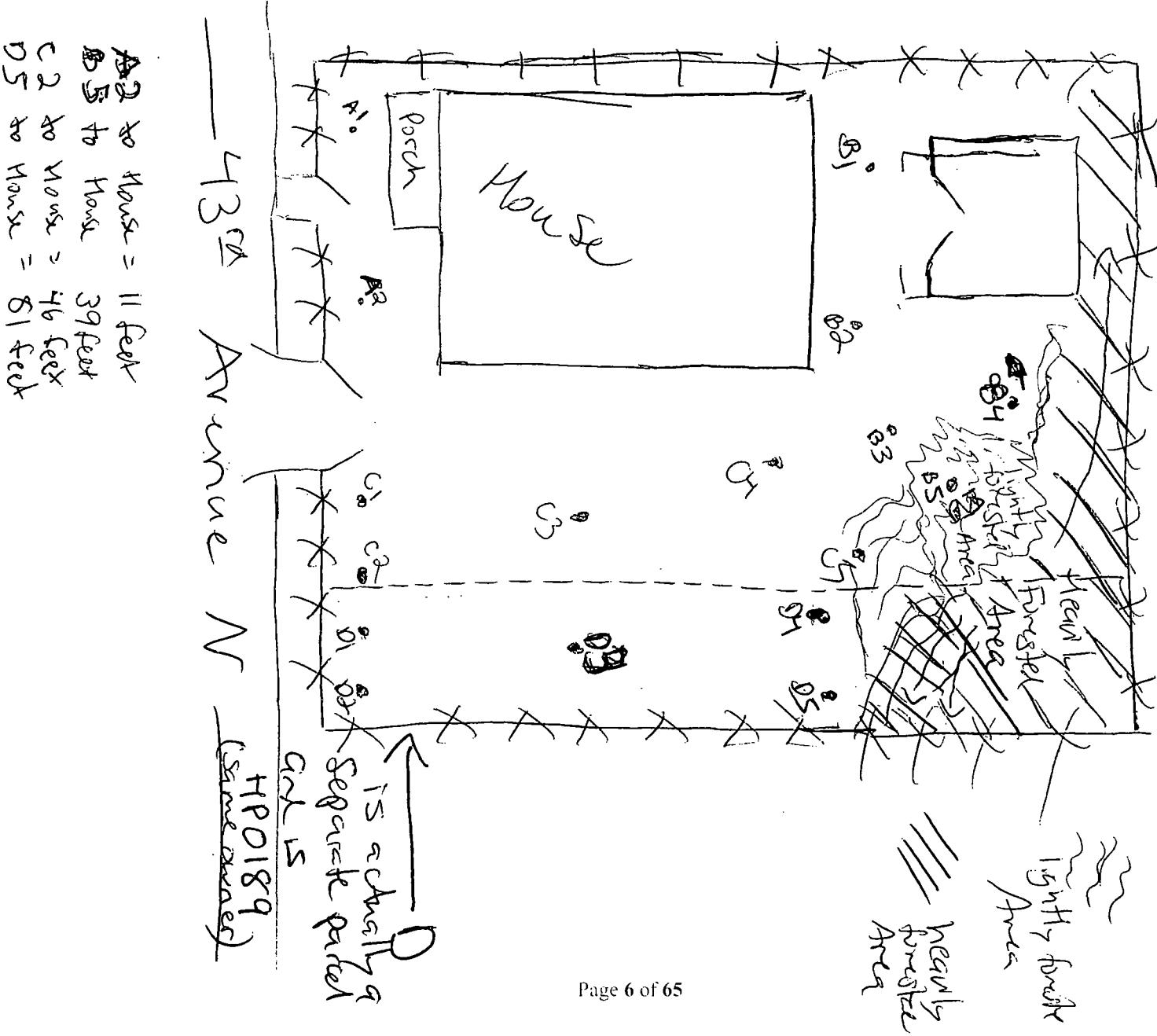
PROPERTY ID: HP-0192
ARRIVAL TIME: 1320

Other pertinent information (weather conditions, etc.):

PROPERTY COMMENTS:

Station ID originally labeled MP0192D, should actually be MP0189 - separate adjacent parcel (same owner)

Grid for property sketch



STATION ID: HPO192A SAMPLE ID: HPO192 A -CS

SAMPLE COLLECTION TIME: 1330

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Front Yard

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID:

GPS Coordinates: Trimble Instrument #: 018581 Logged? Y or N

Aliquot #1: Latitude: 33.56568177120° N Longitude 86.79163528220° W

Media description: HPO192A1

Brown soil mixed w/m-f

Aliquot #2 Latitude: 33.56567697380° N Longitude 86.79168784060° W

Media description: HPO192A2

Brown soil n-f moist

Aliquot #3: Latitude: _____ N Longitude: _____ W

Media description: _____

Aliquot #4: Latitude: _____ N Longitude: _____ W

Media description: _____

Aliquot #5: Latitude: _____ N Longitude: _____ W

Media description: _____

STATION ID: HPO192B

SAMPLE ID: HPO192 B-CS

SAMPLE COLLECTION TIME: 1345

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Back yard

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID:

GPS Coordinates: Trimble Instrument #: 018581 Logged? Y or N

Aliquot #1: Latitude: 33.565418976750° N Longitude 86.79164683260° W

Media description: HPO192B1 DIC Brown soil sand mixed w/fn m-f damp

Aliquot #2 Latitude: 33.56548629330° N Longitude 86.79169739650° W

Media description: HPO192B2

same soil

Aliquot #3: Latitude: 33.56548757700° N Longitude 86.79172823830° W

Media description: HPO192B3

same soil

Aliquot #4: Latitude: 33.56541590030° N Longitude 86.79172103270° W

Media description: HPO192B4

same soil

Aliquot #5: Latitude: 33.56544696440° N Longitude 86.79179049620° W

Media description: HPO192B5

same soil

(b) (6)

ADDRESS:

PROPERTY ID: HP-08192

DATE: _____ ARRIVAL TIME: _____

Other pertinent information (weather conditions, etc.):

PROPERTY COMMENTS:

Grid for property sketch
Sketch of property

STATION ID: HP0192C SAMPLE ID: HP0192C-CS

SAMPLE COLLECTION TIME: 1405

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

western side yard (East 1/2)

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID:

GPS Coordinates: Trimble <input checked="" type="checkbox"/> Instrument #: <u>018581</u>	Logged? <input checked="" type="checkbox"/> Y or N
Aliquot #1: Latitude: <u>33.56568564380°</u>	N Longitude <u>86.79176052670° W</u>
Media description: <u>HP0192C1</u>	<u>orange brown silty sand mixed w/fill</u> on f dmp
Aliquot #2 Latitude: <u>33.56569251070°</u>	N Longitude <u>86.79185255670° W</u>
Media description: <u>HP0192C2</u>	<u>Same soil</u>
Aliquot #3: Latitude: <u>33.56560730240°</u>	N Longitude <u>86.79182245600° W</u>
Media description: <u>HP0192C3</u>	<u>Same soil</u>
Aliquot #4: Latitude: <u>33.56554799120°</u>	N Longitude <u>86.79177122940° W</u>
Media description: <u>HP0192C4</u>	<u>Same soil</u>
Aliquot #5: Latitude: <u>33.56548417380°</u>	N Longitude <u>86.791841350310° W</u>
Media description: <u>HP0192C5</u>	<u>Same soil</u>

STATION ID: HP0192D SAMPLE ID: HP0192D-CS

SAMPLE COLLECTION TIME: 1430

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

western side yard (West 1/2) → D should actually be HP0189
*(Separate parcel)
(Same owner)*

Collection: Composite or Grab

MS/MSD? Y or D

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID:

GPS Coordinates: Trimble <input checked="" type="checkbox"/> Instrument #: <u>018581</u>	Logged? <input checked="" type="checkbox"/> Y or N
Aliquot #1: Latitude: <u>33.56569264270°</u>	N Longitude <u>86.79190745800° W</u>
Media description: <u>HP0192D1</u>	<u>dk brown silty sand mix cl w/fill on f dmp</u>
Aliquot #2 Latitude: <u>33.56569869940°</u>	N Longitude <u>86.79198176370° W</u>
Media description: <u>HP0192D2</u>	<u>Same soil</u>
Aliquot #3: Latitude: <u>33.56560763710°</u>	N Longitude <u>86.79194912450° W</u>
Media description: <u>HP0192D3</u>	<u>Same soil w/more fill mixed in</u>
Aliquot #4: Latitude: <u>33.56551322070°</u>	N Longitude <u>86.79192001520° W</u>
Media description: <u>HP0192D4</u>	<u>Same soil w/more fill mixed in</u>
Aliquot #5: Latitude: <u>33.56552276210°</u>	N Longitude <u>86.79199133330° W</u>
Media description: <u>HP0192D5</u>	<u>Same soil w/more fill mixed in</u>

ADDRESS: (b) (6)

PROPERTY ID: HP-0006

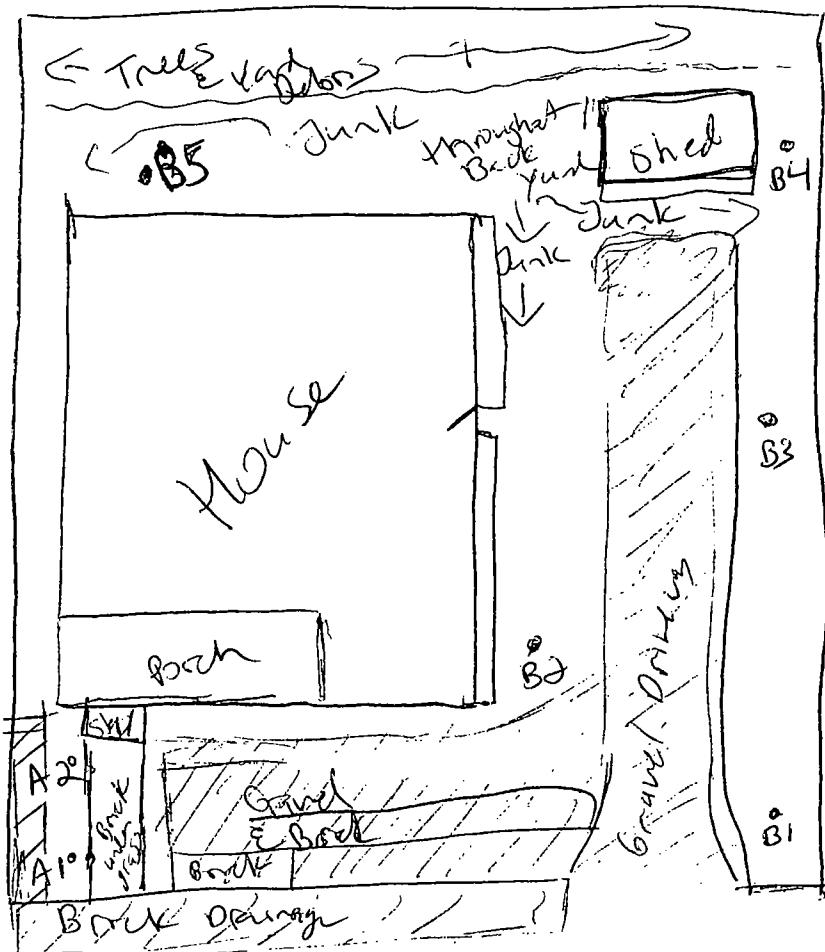
DATE: 10/26/12 ARRIVAL TIME: 1455

Other pertinent information (weather conditions, etc.):

PROPERTY COMMENTS:

Junk / Scrap metal throughout the property
front yard has a couple brick bottom drainage
ditches. Gravel and/or brick throughout most of
front yard

Grid for property sketch



A1 to base = 15 feet

B1 to House 38.5 feet

STATION ID: HP 0006A SAMPLE ID: HP0006A-CS

SAMPLE COLLECTION TIME: 1515

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Front by steps

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: _____

GPS Coordinates:	Trimble <input checked="" type="checkbox"/> Instrument #:	<u>018581</u>	Logged? <input checked="" type="checkbox"/> Y or N
Aliquot #1:	Latitude:	<u>33.56123814500°</u>	N Longitude <u>86.79773655480° W</u>
	Media description:	<u>HP0006A1</u> OR Brown silty sand w/ full coal fragments	
Aliquot #2:	Latitude:	<u>33.56124528130°</u>	N Longitude <u>86.79773540740° W</u>
	Media description:	<u>HP0006A2</u> Sgm soil	
Aliquot #3:	Latitude:	<u>33.56128853750°</u>	N Longitude <u>86.79764038520° W</u>
	Media description:	_____	
Aliquot #4:	Latitude:	N Longitude _____ W	
	Media description:	_____	
Aliquot #5:	Latitude:	N Longitude _____ W	
	Media description:	_____	

STATION ID: HP0006B SAMPLE ID: HP0006 B-CS

SAMPLE COLLECTION TIME: 1535

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Side yard w/ one back yard (B5)

Collection: Composite or Grab

MS/MSD? Y or N

GPS Coordinates:	Trimble <input checked="" type="checkbox"/> Instrument #:	<u>018581</u>	Logged? <input checked="" type="checkbox"/> Y or N
Aliquot #1:	Latitude:	<u>33.56128853750°</u>	N Longitude <u>86.79764038520° W</u>
	Media description:	<u>HP0006B1</u> OR Brown to black silty sgm w/ coal fragments	
Aliquot #2:	Latitude:	<u>33.56124098920°</u>	N Longitude <u>86.79757127290° W</u>
	Media description:	<u>HP0006 B2</u> Sgm soil	
Aliquot #3:	Latitude:	<u>33.56138978460°</u>	N Longitude <u>86.79758471250° W</u>
	Media description:	<u>HP0006 B3</u> Sgm soil	
Aliquot #4:	Latitude:	<u>33.56148972880°</u>	N Longitude <u>86.79757718420° W</u>
	Media description:	<u>HP0006 B4</u> Sgm soil	
Aliquot #5:	Latitude:	<u>33.56148744170°</u>	N Longitude <u>86.79772164870° W</u>
	Media description:	<u>HP0006 B5</u> Sgm soil	

(b) (6)

ADDRESS:

PROPERTY ID: FM0284

DATE: 11/27/12

ARRIVAL TIME: 1325

Other pertinent information (weather conditions, etc.):

Cold & cloudy

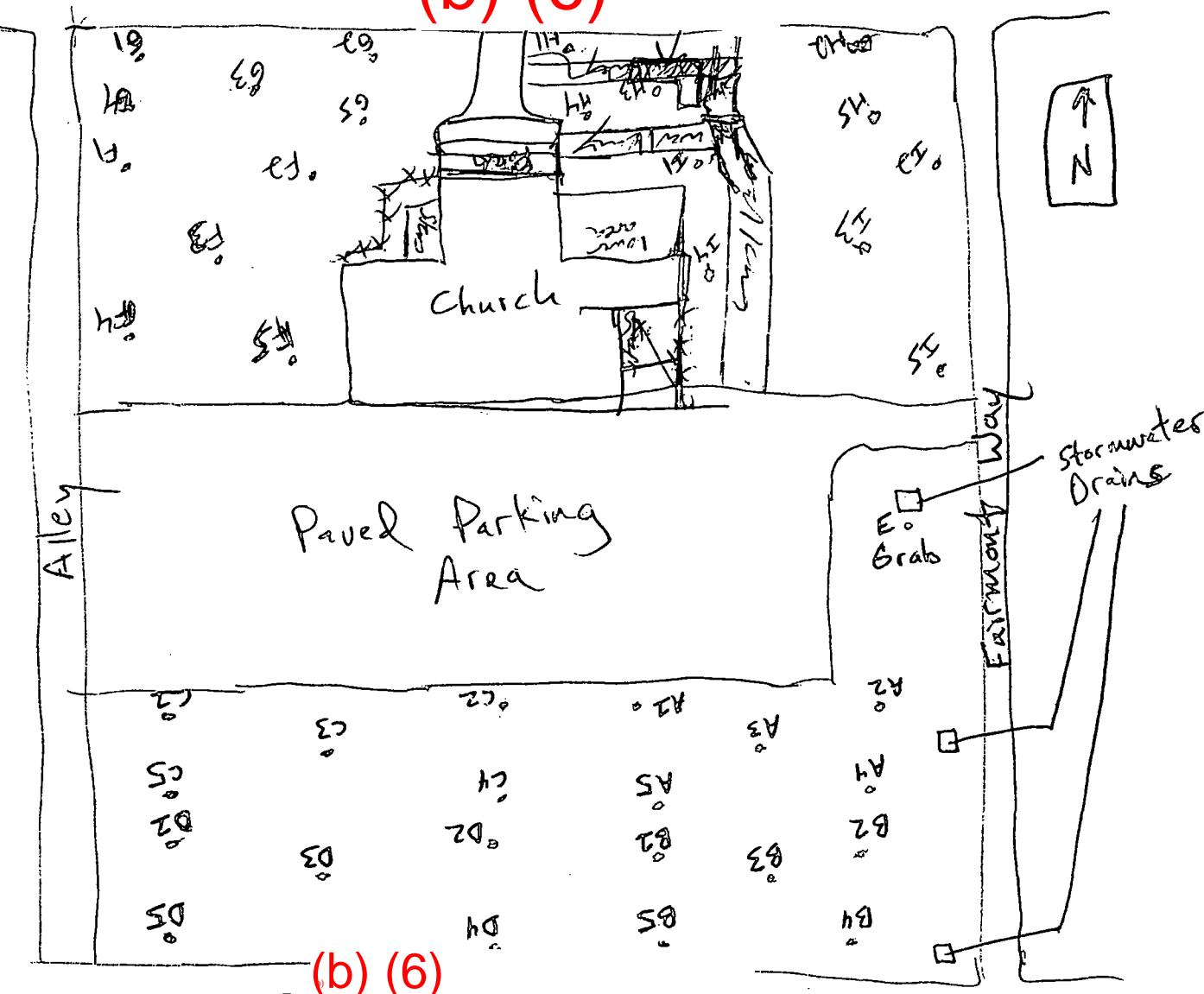
PROPERTY COMMENTS:

Church

Grid for property sketch

(b) (6)

vbus



(b) (6)

D5 to building 328 ft. Page 12 of 65

STATION ID: FM0284A SAMPLE ID: FM0284A-CS

SAMPLE COLLECTION TIME: i420

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

NE 1/4 of back yard

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: FM0284A-CS

GPS Coordinates: Trimble X Instrument #: 018581 Logged? Y or N

Aliquot #1: Latitude: 33.56361679090° N Longitude 86.81290989640° W

Media description: Orange clay moist f FM0284A1

Aliquot #2 Latitude: 33.56361960500° N Longitude 86.81275115870° W

Media description: DK brn to black silty sand moist f FM0284A2

Aliquot #3: Latitude: 33.56350406730° N Longitude 86.81282002930° W

Media description: Same soil FM0284A3

Aliquot #4: Latitude: 33.56340889140° N Longitude 86.81272952120° W

Media description: Same soil FM0284A4

Aliquot #5: Latitude: 33.56340500670° N Longitude 86.81289920210° W

Media description: Same soil FM0284A5

STATION ID: FM0284B SAMPLE ID: FM0284B-CS

SAMPLE COLLECTION TIME: i440

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

SE 1/4 of back yard

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: FM0284B-CS

GPS Coordinates: Trimble X Instrument #: 018581 Logged? Y or N

Aliquot #1: Latitude: 33.563341021290° N Longitude 86.81290389510° W

Media description: DK brn to black silty sand moist FM0284B1

Aliquot #2 Latitude: 33.563341883290° N Longitude 86.81272101800° W

Media description: Same soil FM0284B2

Aliquot #3: Latitude: 33.56325146970° N Longitude 86.81280015200° W

Media description: Same ss. 1 FM0284B3

Aliquot #4: Latitude: 33.56311408460° N Longitude 86.81273532820° W

Media description: Sam ss. 1 FM0284B4

Aliquot #5: Latitude: 33.56311766960° N Longitude 86.81289411960° W

Media description: Sam ss. 1 FM0284B5

(b) (6)

ADDRESS: _____ PROPERTY ID: FM0284
DATE: 11/27/12 ARRIVAL TIME: 1325

Other pertinent information (weather conditions, etc.):

cold & cloudy

PROPERTY COMMENTS:

Church

Grid for property sketch

Sketch on page 12

STATION ID: FM0284C SAMPLE ID: FM0284C-CS
SAMPLE COLLECTION TIME: 1500

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

NW 1/4 of back yard

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: FM0284C-CS

GPS Coordinates:	Trimble <input checked="" type="checkbox"/> Instrument #:	<u>018581</u>	Logged?	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N
Aliquot #1:	Latitude:	<u>33.56331594400°</u>	N Longitude	<u>86-81314811700° W</u>
	Media description:	<u>DK brn to black silty sand moist with coal fragments</u>		
Aliquot #2:	Latitude:	<u>33.56333645970°</u>	N Longitude	<u>86-81298289120° W</u>
	Media description:	<u>Same soil</u>		
Aliquot #3:	Latitude:	<u>33.56324491900°</u>	N Longitude	<u>86-81305926730° W</u>
	Media description:	<u>Same soil</u>		
Aliquot #4:	Latitude:	<u>33-56312611410</u>	N Longitude	<u>86-81299691290° W</u>
	Media description:	<u>Same soil</u>		
Aliquot #5:	Latitude:	<u>33.56311703910°</u>	N Longitude	<u>86-81313111830° W</u>
	Media description:	<u>Same soil</u>		

STATION ID: FM0284D SAMPLE ID: FM0284D-CS

SAMPLE COLLECTION TIME: 1515

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

SW 1/4 of back yard

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split:	Yes or <input checked="" type="checkbox"/> No	If yes, indicate Duplicate/split sample station ID:		
GPS Coordinates:	Trimble <input checked="" type="checkbox"/> Instrument #:	<u>018581</u>	Logged?	<input checked="" type="checkbox"/> Y or N
Aliquot #1:	Latitude:	<u>33.56361463910°</u>	N Longitude	<u>86-81311216350° W</u>
	Media description:	<u>DK brn to blk silty sand moist f</u>		
Aliquot #2:	Latitude:	<u>33.56361946280°</u>	N Longitude	<u>86-81297473330° W</u>
	Media description:	<u>Fm028402 orange clay moist</u>		
Aliquot #3:	Latitude:	<u>33.5634942260°</u>	N Longitude	<u>86-81305199360° W</u>
	Media description:	<u>Fm028403 DK brn to blk silty sand moist f</u>		
Aliquot #4:	Latitude:	<u>33.56341195470°</u>	N Longitude	<u>86-81298504230° W</u>
	Media description:	<u>Fm028404 same soil</u>		
Aliquot #5:	Latitude:	<u>33.56341671370°</u>	N Longitude	<u>86-81314925050° W</u>
	Media description:	<u>Fm028405 same soil</u>		

(b) (6)

ADDRESS: _____ PROPERTY ID: FM0284

DATE: 11/27/12 ARRIVAL TIME: 1325

Other pertinent information (weather conditions, etc.):

Cold & cloudy

PROPERTY COMMENTS:

Church

Grid for property sketch

Sketch on page 12

STATION ID: FM0284E SAMPLE ID: FM0284E-CS

SAMPLE COLLECTION TIME: 1520

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Ditch near entrance of parking lot

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: _____

GPS Coordinates:	Trimble <input checked="" type="checkbox"/>	Instrument #:	<u>018581</u>	Logged?	<input checked="" type="checkbox"/> Y or N
Aliquot #1:	Latitude:	<u>33.56388716970</u>	N Longitude	<u>86.81268867490°</u>	W
	Media description:	<u>FM0284E1 OK burn to blk sly soil f moist</u>			
Aliquot #2:	Latitude:		N Longitude		W
	Media description:				
Aliquot #3:	Latitude:		N Longitude		W
	Media description:				
Aliquot #4:	Latitude:		N Longitude		W
	Media description:				
Aliquot #5:	Latitude:		N Longitude		W
	Media description:				

STATION ID: FM0284F SAMPLE ID: FM0284F-CS

SAMPLE COLLECTION TIME: 1545

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

West side yard

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: _____

GPS Coordinates:	Trimble <input checked="" type="checkbox"/>	Instrument #:	<u>018581</u>	Logged?	Y or N
Aliquot #1:	Latitude:	<u>33.56430019890°</u>	N Longitude	<u>86-81314882700°</u>	W
	Media description:	<u>FM0284F1 OK burn to blk sly soil f moist</u>			
Aliquot #2:	Latitude:	<u>33.56431616620°</u>	N Longitude	<u>86-81301741120°</u>	W
	Media description:	<u>FM0284F2</u>	<u>same soil</u>		
Aliquot #3:	Latitude:	<u>33.56419154880°</u>	N Longitude	<u>86-81309818330°</u>	W
	Media description:	<u>FM0284F3</u>	<u>same soil</u>		
Aliquot #4:	Latitude:	<u>33.564109265530°</u>	N Longitude	<u>86-813150412140°</u>	W
	Media description:	<u>FM0284F4</u>	<u>orange clay moist n-f</u>		
Aliquot #5:	Latitude:	<u>33.56408729260°</u>	N Longitude	<u>86-81306168210°</u>	W
	Media description:	<u>FM0284F5</u>	<u>same soil</u>		

(b) (6)

ADDRESS: _____ PROPERTY ID: PM0284(On.)
DATE: 11/27/12 ARRIVAL TIME: 1325

Other pertinent information (weather conditions, etc.):

cold & cloudy

PROPERTY COMMENTS:

Grid for property sketch

Sketch on pg 12

STATION ID: Fm02846 SAMPLE ID: Fm02846-CS

SAMPLE COLLECTION TIME: 1600

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

West side of front yard

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID:

GPS Coordinates: Trimble X Instrument #: 018581 Logged? Y or N

Aliquot #1: Latitude: 33.56445143800° N Longitude 86.84315291840° W

Media description: Fm028461 dk bdn to blk sly soil f dmp

Aliquot #2 Latitude: 33.56445091040° N Longitude 86.81294508050° W

Media description: Fm028462 sme soil

Aliquot #3: Latitude: 33.56442401830° N Longitude 86.81304619050° W

Media description: Fm028463 sme soil

Aliquot #4: Latitude: 33.56438398190° N Longitude 86.81314277950° W

Media description: Fm028464 orange clay dmp f

Aliquot #5: Latitude: 33.56438678380° N Longitude 86.81296071760° W

Media description: Fm028465 dk bdn to blk sly soil f dmp

STATION ID: Fm0284H SAMPLE ID: Fm0284G-CS

SAMPLE COLLECTION TIME: 1620

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

western East side of front yard

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID:

GPS Coordinates: Trimble X Instrument #: 018581 Logged? Y or N

Aliquot #1: Latitude: 33.56444488860° N Longitude 86.81287428080° W

Media description: Fm0284H1 dk bdn to blk sly f dmp

Aliquot #2 Latitude: 33.56444632870° N Longitude 86.81270737210° W

Media description: Fm0284H2 dk bdn to blk sly super f dmp

Aliquot #3: Latitude: 33.56440740630° N Longitude 86.81278466270° W

Media description: Fm0284H3 dk bdn to blk sly fine dmp

Aliquot #4: Latitude: 33.56438115960° N Longitude 86.81283770550° W

Media description: Fm0284H4 sme soil

Aliquot #5: Latitude: 33.56438105280° N Longitude 86.81270998430° W

Media description: Fm0284H5 sme soil

(b) (6)

ADDRESS: _____ PROPERTY ID: PM02841

DATE: 11/27/12

ARRIVAL TIME: 1325

Other pertinent information (weather conditions, etc.):

PROPERTY COMMENTS:

Grid for property sketch

Sketch or pg 12

SAMPLE ID:		STATION ID:	
SAMPLE COLLECTION TIME:			
Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):			
Collection:	Composite or Grab	MS/MSD?	Y or N
Field Duplicate or Split: Yes or No If yes, indicate Duplicate/Split sample station ID:			
GPS Coordinates: Trimble [] Instrument #: Logged? Y or N			
Aliquot #1: Latitude			
Media description:			
Aliquot #2 Latitude			
Media description:			
Aliquot #3 Latitude			
Media description:			
Aliquot #4 Latitude			
Media description:			
Aliquot #5 Latitude			
Media description:			

(b) (6)

ADDRESS:

PROPERTY ID: PM 0108

DATE: 11/28/12

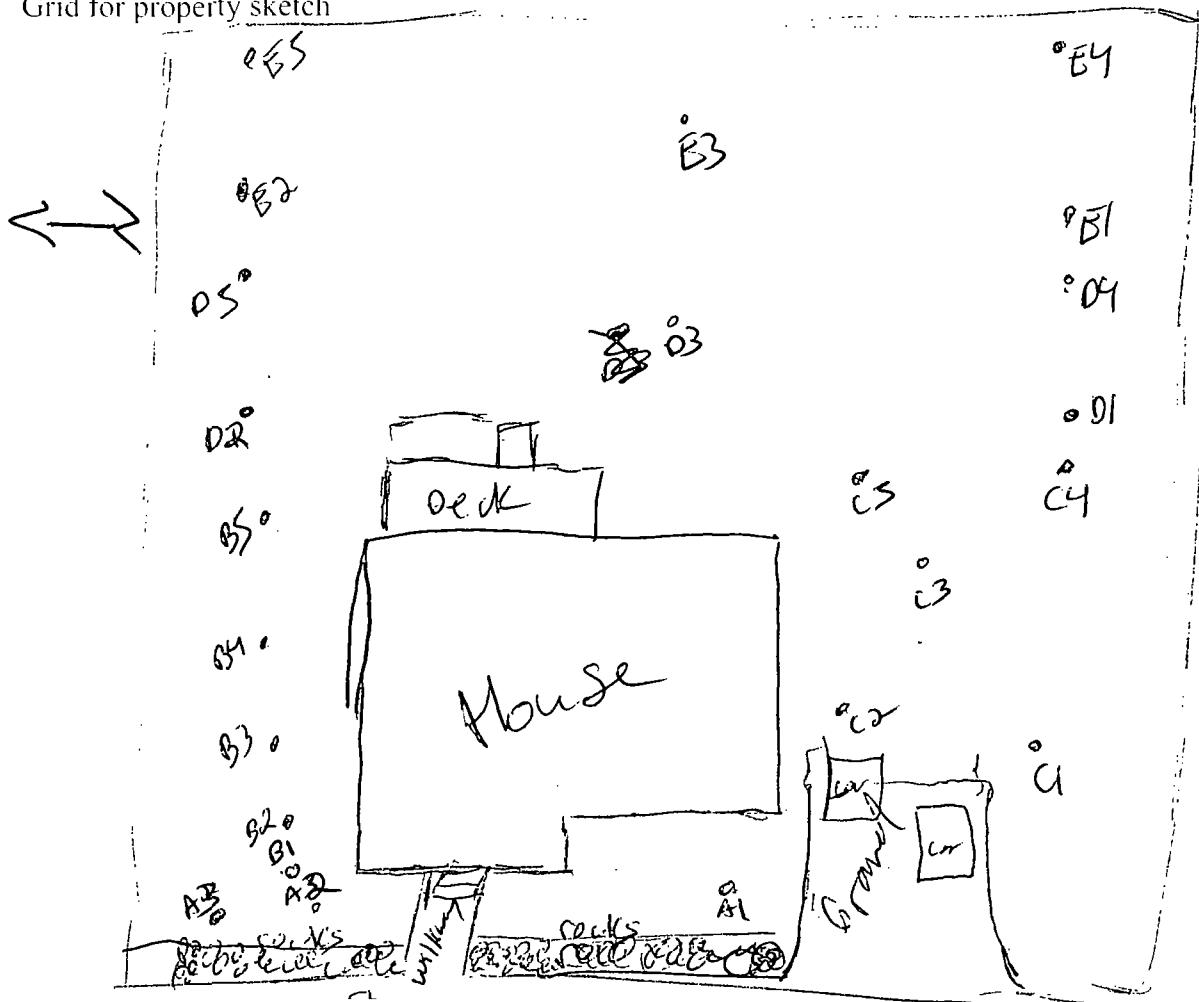
ARRIVAL TIME: 0845

Other pertinent information (weather conditions, etc.):

Foggy and overcast and cold

PROPERTY COMMENTS:

Grid for property sketch



(b) (6)

Air samples started 0845/ stopped 1102

Data RAM started 0845/ stopped 1102
(004612)

STATION ID: FM0108A SAMPLE ID: FM0108A-CS

SAMPLE COLLECTION TIME: 0900

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Front yard

A3 to House
=25 feet

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or If yes, indicate Duplicate/split sample station ID:

GPS Coordinates: Trimble <input checked="" type="checkbox"/> Instrument #: <u>018581</u>	Logged? <input checked="" type="checkbox"/> or N
Aliquot #1: Latitude: <u>33.56984351°</u>	N Longitude <u>86.80396209°</u> W
Media description: <u>FM0108A1</u>	<u>OK bwn silty clay m-f damp</u>
Aliquot #2 Latitude: <u>33.56991110°</u>	N Longitude <u>86.80394850°</u> W
Media description: <u>FM0108A2</u>	<u>Same soil</u>
Aliquot #3: Latitude: <u>33.56996106°</u>	N Longitude <u>86.803941316°</u> W
Media description: <u>FM0108A3</u>	<u>Same soil</u>
Aliquot #4: Latitude:	N Longitude
Media description:	
Aliquot #5: Latitude:	N Longitude
Media description:	

STATION ID: FM0108B SAMPLE ID: FM0108B-CS

SAMPLE COLLECTION TIME: 0915

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Northem side yard

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or If yes, indicate Duplicate/split sample station ID:

GPS Coordinates: Trimble <input checked="" type="checkbox"/> Instrument #: <u>01851</u>	Logged? <input checked="" type="checkbox"/> or N
Aliquot #1: Latitude: <u>33.56993202°</u>	N Longitude <u>86.80391834°</u> W
Media description: <u>FM0108B1</u>	<u>OK bwn silty f damp w/ coal</u>
Aliquot #2 Latitude: <u>33.56993160°</u>	N Longitude <u>86.80386001°</u> W
Media description: <u>FM0108B2</u>	<u>Orange clay m-f damp w/ coal</u>
Aliquot #3: Latitude: <u>33.56994182°</u>	N Longitude <u>86.80382657°</u> W
Media description: <u>FM0108B3</u>	<u>OK bwn silt f damp w/ coal fragments</u>
Aliquot #4: Latitude: <u>33.56993947°</u>	N Longitude <u>86.80377419°</u> W
Media description: <u>FM0108B4</u>	<u>Same soil</u>
Aliquot #5: Latitude: <u>33.56993325°</u>	N Longitude <u>86.80372418°</u> W
Media description: <u>FM0108B5</u>	<u>Same soil</u>

B3 to House = 17 feet

ADDRESS: (con.) PROPERTY ID: PM0108C (con.)

DATE: _____ ARRIVAL TIME: _____

Other pertinent information (weather conditions, etc.):

PROPERTY COMMENTS:

Grid for property sketch

sketch on 22

STATION ID: Fm0108C SAMPLE ID: fmo108c-CS

SAMPLE COLLECTION TIME: 0915

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

southern side yard

0 ft to house = 21 feet

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID:

GPS Coordinates: Trimble X Instrument #: 018581 Logged? Y or N

Aliquot #1: Latitude: 33.56976713° N Longitude 86.80386666° W

Media description: Fm0108C1 OK brown silty clay m-f damp

Aliquot #2 Latitude: 33.56979791° N Longitude 86.80384903° W

Media description: Fm0108C2 same soil

Aliquot #3: Latitude: 33.56979113° N Longitude 86.80378427° W

Media description: Fm0108C3 1 ft brown sand m damp

Aliquot #4: Latitude: 33.56975898° N Longitude 86.80371847° W

Media description: Fm0108C4 OK brown silty clay m-f damp

Aliquot #5: Latitude: 33.56980514° N Longitude 86.80372084° W

Media description: Fm0108C5 same soil

STATION ID: Fm208D SAMPLE ID: Fm0208D-CS

SAMPLE COLLECTION TIME: 0945

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Front half (western 1/2) of back yard

0 ft to house = 78 feet

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID:

GPS Coordinates: Trimble X Instrument #: 01851 Logged? Y or N

Aliquot #1: Latitude: 33.56975525° N Longitude 86.80368145° W

Media description: Fm0108D1 OK brown silty clay m-f damp

Aliquot #2 Latitude: 33.56993428° N Longitude 86.80367765° W

Media description: Fm0108D2 Same soil

Aliquot #3: Latitude: 33.56984156° N Longitude 86.80359487° W

Media description: Fm0108D3 Same soil

Aliquot #4: Latitude: 33.56975554° N Longitude 86.80352019° W

Media description: Fm0108D4 Same soil

Aliquot #5: Latitude: 33.56990995° N Longitude 86.80353226° W

Media description: Fm0108D5 Same soil

ADDRESS: (con.) PROPERTY ID: PM01085
DATE: _____ ARRIVAL TIME: CON.

Other pertinent information (weather conditions, etc.):

PROPERTY COMMENTS:

Grid for property sketch

Sketch on pg 22

STATION ID: FM0108E SAMPLE ID: FM0108E-CS

SAMPLE COLLECTION TIME: 0945

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

BACK Eastern 1/2 of back yard

E4 to House = 150 feet

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID:

GPS Coordinates: Trimble [X] Instrument #: 01851 Logged? Y or N

Aliquot #1: Latitude: 33.56976220° N Longitude 86.80344008° W

Media description: FM0108E1 DK bwn sly clv n-f dmp

Aliquot #2: Latitude: 33.56990668° N Longitude 86.80342953° W

Media description: FM0108E2 Same Soil

Aliquot #3: Latitude: 33.56983490° N Longitude 86.80335912° W

Media description: FM0108E3 same Soil

Aliquot #4: Latitude: 33.56975683° N Longitude 86.80328497° W

Media description: FM0108E4 same Soil

Aliquot #5: Latitude: 33.56990692° N Longitude 86.80329668° W

Media description: FM0108E5

STATION ID: _____ SAMPLE ID: _____

SAMPLE COLLECTION TIME: _____

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID:

GPS Coordinates: Trimble [] Instrument #: _____ Logged? Y or N

Aliquot #1: Latitude: _____ N Longitude _____ W

Media description: _____

Aliquot #2: Latitude: _____ N Longitude _____ W

Media description: _____

Aliquot #3: Latitude: _____ N Longitude _____ W

Media description: _____

Aliquot #4: Latitude: _____ N Longitude _____ W

Media description: _____

Aliquot #5: Latitude: _____ N Longitude _____ W

Media description: _____

(b) (6)

ADDRESS:

PROPERTY ID: CV 0711

DATE: 11/28/12

ARRIVAL TIME: 10045

Other pertinent information (weather conditions, etc.):

partly sunny

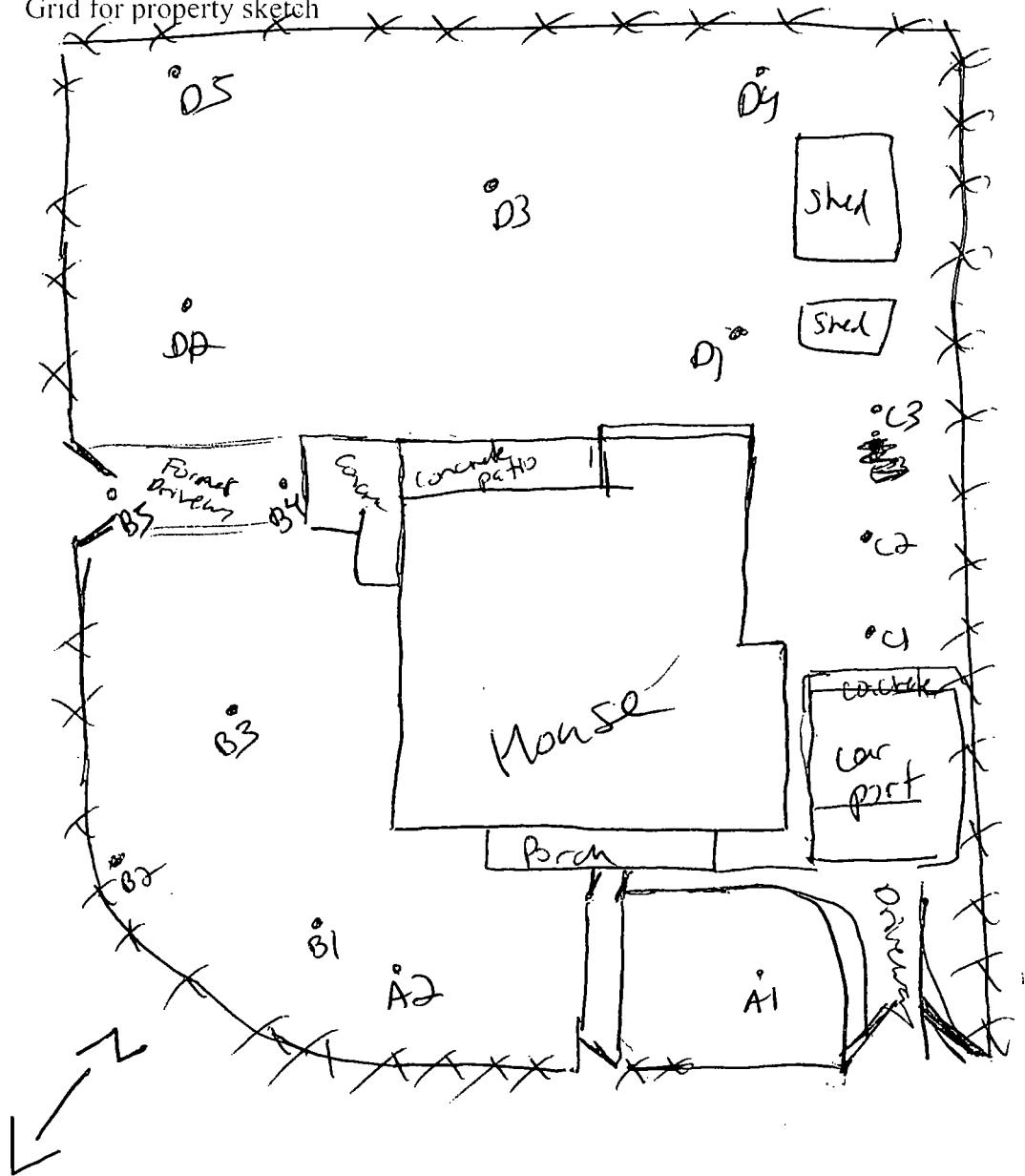
PROPERTY COMMENTS:

No playsets or gardens

Air sampling started at 11:20 / Stopped at 1145

Data RAM (41612) started at 11:20 / stopped at 1145

Grid for property sketch



STATION ID: CV0711 A SAMPLE ID: CV0711 A-CS

SAMPLE COLLECTION TIME: 1110

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Front yard

AZ to house = 17 feet

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID:

GPS Coordinates: Trimble <input checked="" type="checkbox"/> Instrument #:	<u>0185 81</u>	Logged? <input checked="" type="checkbox"/> or <input type="checkbox"/>
Aliquot #1: Latitude:	<u>33-56155294°</u>	N Longitude <u>86-79991197°</u> W
Media description:	<u>CV0711 A1</u> <u>DK brn slymf dmp</u>	
Aliquot #2: Latitude:	<u>33-56159582°</u>	N Longitude <u>86-79986577°</u> W
Media description:	<u>CV0711 A2</u> <u>same soil</u>	
Aliquot #3: Latitude:	N Longitude	
Media description:		
Aliquot #4: Latitude:	N Longitude	
Media description:		
Aliquot #5: Latitude:	N Longitude	
Media description:		

STATION ID: CV0711 B SAMPLE ID: CV0711 B-CS

SAMPLE COLLECTION TIME: 1125

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

NE side yard

AZ to house = 43 feet

Collection: Composite or Grab

MS/MSD? Y or N

GPS Coordinates: Trimble <input checked="" type="checkbox"/> Instrument #:	<u>018581</u>	Logged? <input checked="" type="checkbox"/> or <input type="checkbox"/>
Aliquot #1: Latitude:	<u>33-56161629°</u>	N Longitude <u>86-79982458°</u> W
Media description:	<u>CV0711 B1</u> <u>DK brn slymf dmp, m-f</u>	
Aliquot #2: Latitude:	<u>33-56164755°</u>	N Longitude <u>86-79974808°</u> W
Media description:	<u>CV0711 B2</u> <u>Shr. ss. 1</u>	
Aliquot #3: Latitude:	<u>33-56159140°</u>	N Longitude <u>86-79972441°</u> W
Media description:	<u>CV0711 B3</u> <u>Shr. ss. 1</u>	
Aliquot #4: Latitude:	<u>33-56150181°</u>	N Longitude <u>86-79966353°</u> W
Media description:	<u>CV0711 B4</u> <u>Shr. ss. 1</u>	
Aliquot #5: Latitude:	<u>33-56156488°</u>	N Longitude <u>86-79960588°</u> W
Media description:	<u>CV0711 B5</u> <u>Same soil</u>	

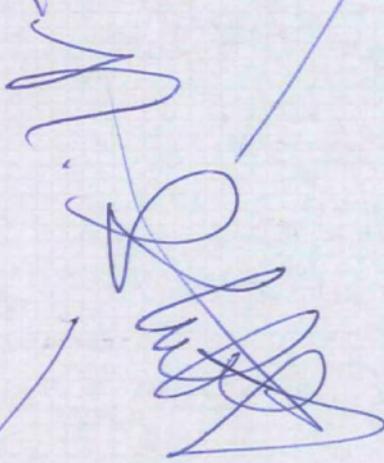
ADDRESS: _____ PROPERTY ID: _____

DATE: _____ ARRIVAL TIME: _____

Other pertinent information (weather conditions, etc.):

PROPERTY COMMENTS:

Grid for property sketch



STATION ID: CV0711C SAMPLE ID: CV0711C-CS

SAMPLE COLLECTION TIME: 1140

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

SW side yard

C3 to house = 9.5 feet

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: _____

GPS Coordinates: Trimble [X] Instrument #: 018581 Logged? Y or N

Aliquot #1: Latitude: 33.56144851° N Longitude 86.79983609° W

Media description: CV0711C1 PK brn sly clg m-f dry

Aliquot #2 Latitude: 33.56142375° N Longitude 86.79979645° W

Media description: CV0711C2 same soil

Aliquot #3: Latitude: 33.56139387° N Longitude 86.79975065° W

Media description: CV0711C3 same soil

Aliquot #4: Latitude: _____ N Longitude _____ W

Media description: CV0711C4 _____

Aliquot #5: Latitude: _____ N Longitude _____ W

Media description: CV0711C5 _____

STATION ID: CV0711D SAMPLE ID: CV0711D-CS

SAMPLE COLLECTION TIME: 1140

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Back yard

D3 to house = 71 feet

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: _____

GPS Coordinates: Trimble [X] Instrument #: 018581 Logged? Y or N

Aliquot #1: Latitude: 33.56140507° N Longitude 86.79970596° W

Media description: CV0711D1 PK brn sly clg m-f dry

Aliquot #2 Latitude: 33.56152038° N Longitude 86.79958571° W

Media description: CV0711D2 same soil

Aliquot #3: Latitude: 33.56142725° N Longitude 86.79957911° W

Media description: CV0711D3 same soil

Aliquot #4: Latitude: 33.56131940° N Longitude 86.79960603° W

Media description: CV0711D4 same soil

Aliquot #5: Latitude: 33.56142959° N Longitude 86.79946289° W

Media description: CV0711D5 same soil

(b) (6)

ADDRESS:

PROPERTY ID: HPO26D

DATE: 11/28/12

ARRIVAL TIME: 1335

Other pertinent information (weather conditions, etc.):

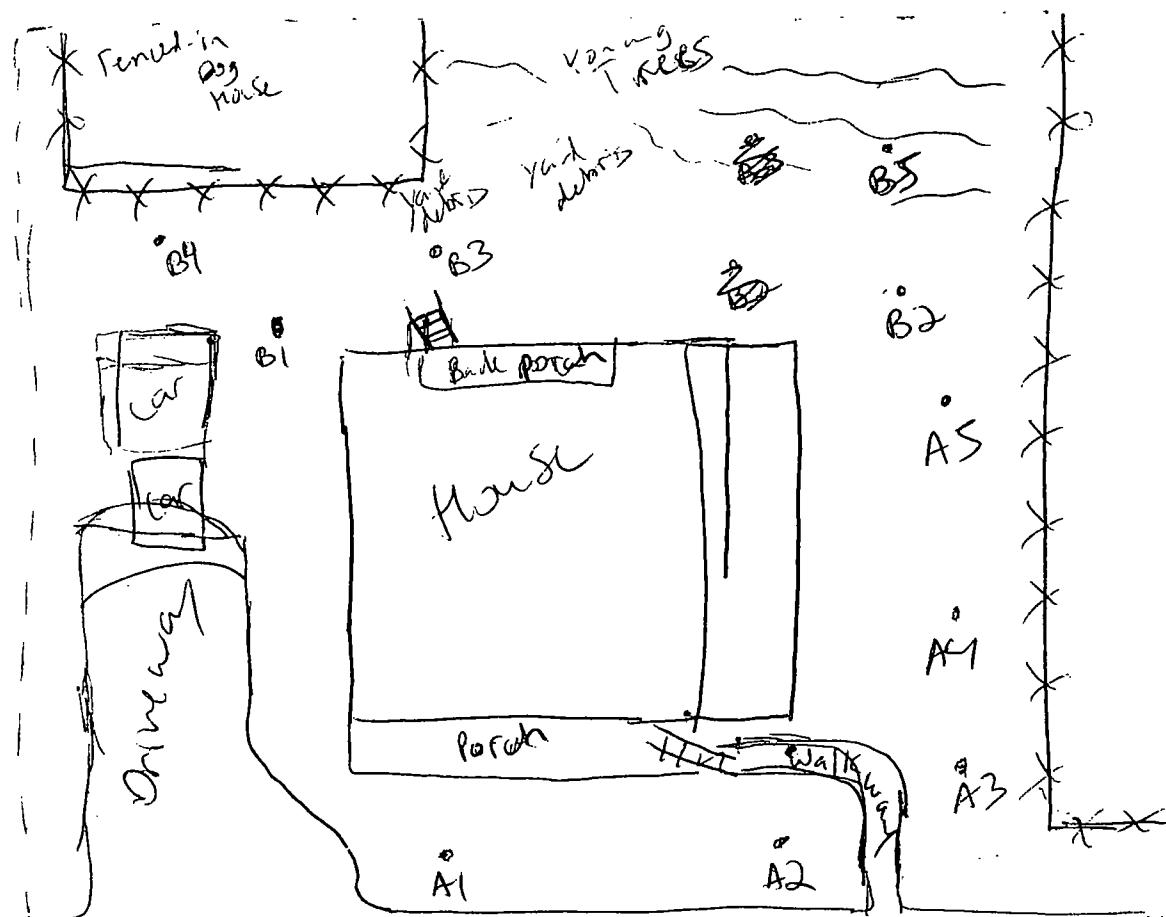
partly sunny

PROPERTY COMMENTS: No playground/garden

Air sampling starting 1338 / Stopped at 1415

Data RAM (004672) starting at 1338/ stopped at 1415

Grid for property sketch



(b) (6)

STATION ID: HP0260A

SAMPLE ID: HP0260A-CS

SAMPLE COLLECTION TIME: 1350

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Front and western side yard

A3 to house = 23 feet

Collection: Composite or GrabMS/MSD? Y or NField Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: HP0260A-CSDGPS Coordinates: Trimble Instrument #: 018581 Logged? Y or N

Aliquot #1: Latitude: 33.56651480° N Longitude 86.78995169° W

Media description: HP0260A1

dk brown silt m-f damp w/ root frags

Aliquot #2: Latitude: 33.56651438° N Longitude 86.79000272° W

Media description: HP0260A2

Same soil

Aliquot #3: Latitude: 33.56648735° N Longitude 86.79004520° W

Media description: HP0260A3

Same soil

Aliquot #4: Latitude: 33.56640401° N Longitude 86.79004475° W

Media description: HP0260A4

Same soil

Aliquot #5: Latitude: 33.56634551° N Longitude 86.79004428° W

Media description: HP0260A5

Same soil

STATION ID: HP0260B

SAMPLE ID: HP0260B-CS

SAMPLE COLLECTION TIME: 1410

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Back yard

B5 to house = 44 feet

Collection: Composite or GrabMS/MSD? Y or NField Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID:GPS Coordinates: Trimble Instrument #: 018581 Logged? Y or N

Aliquot #1: Latitude: 33.56630560° N Longitude 86.78994462° W

Media description: HP0260B1

dk brown silt m-f damp w/ root frozen

Aliquot #2: Latitude: 33.56629348° N Longitude 86.79003765° W

Media description: HP0260B2

Same soil

Aliquot #3: Latitude: 33.56624632° N Longitude 86.78999344° W

Media description: HP0260B3

Same soil

Aliquot #4: Latitude: 33.56621796° N Longitude 86.78994612° W

Media description: HP0260B4

Same soil

Aliquot #5: Latitude: 33.56619634° N Longitude 86.79003732° W

Media description: HP0260B5

Same soil

(b) (6)

ADDRESS: _____

PROPERTY ID: CV 0126

DATE: 11/28/12

ARRIVAL TIME: 2:22 1422

Other pertinent information (weather conditions, etc.):

partly sunny & warm

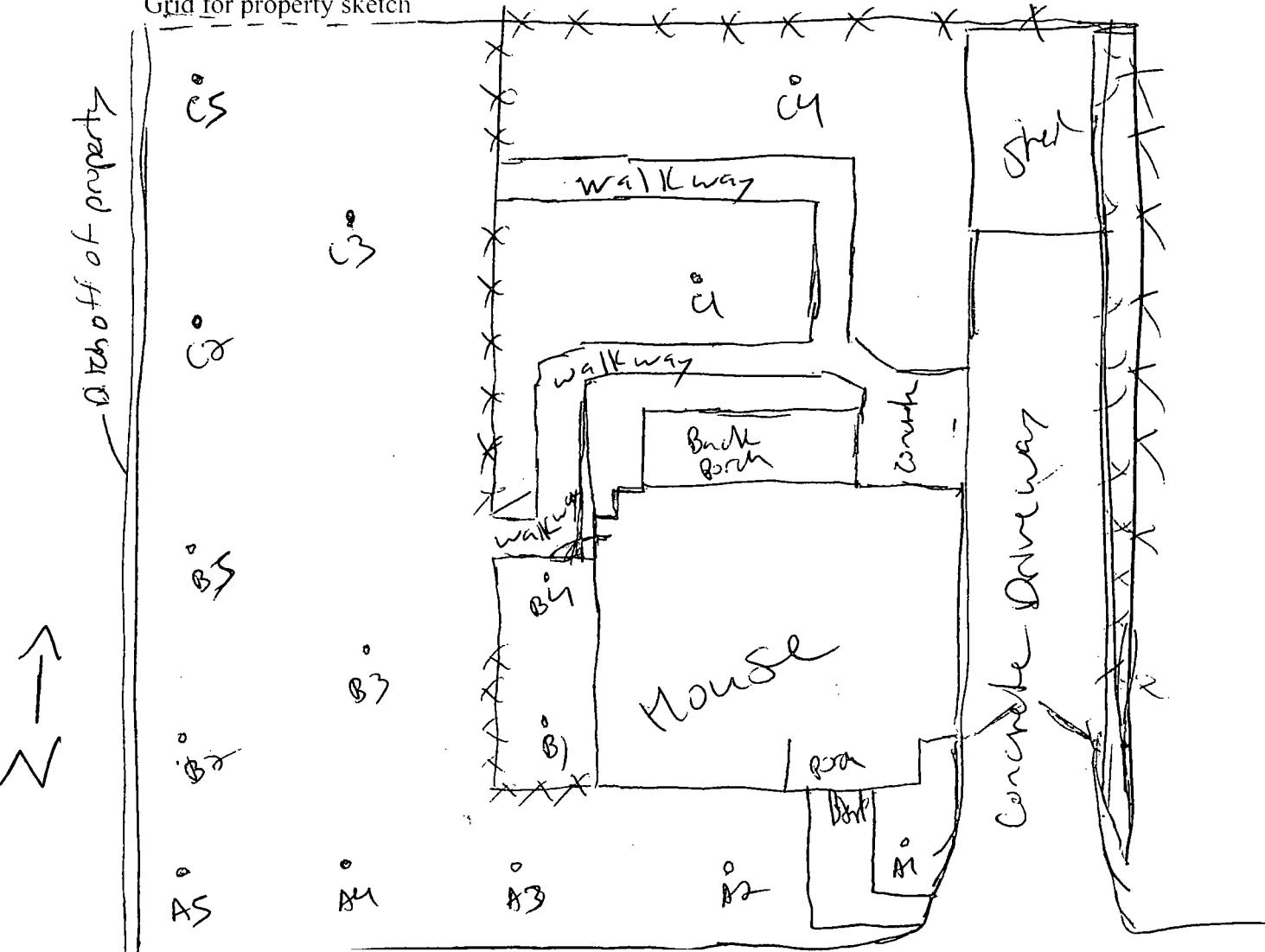
PROPERTY COMMENTS: No playset or garden

Av sample started 1428 / stopped at 1517

Data RAM (004612) started 1428 / stopped at 1517

part of yard fenced in, part not fenced in

Grid for property sketch



(b) (6)

STATION ID: CV0126A

SAMPLE ID: CV0126A-CS

SAMPLE COLLECTION TIME: 1445

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Front yard

AS to house 44.5ft

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: CV0126A-CS

GPS Coordinates: Trimble [X] Instrument #: 018581 Logged? Y or N

Aliquot #1: Latitude: 33 56 04.0200° N Longitude 86.80486398° W

Media description: CV0126A1 DK brown silty clay m-f damp w/ coal fragments

Aliquot #2: Latitude: 33 56 04.4230° N Longitude 86.80485660° W

Media description: CV0126A2 Same soil

Aliquot #3: Latitude: 33 56 04.9624° N Longitude 86.80486335° W

Media description: CV0126A3 Same soil

Aliquot #4: Latitude: 33 56 05.4883° N Longitude 86.80485813° W

Media description: CV0126A4 Same soil

Aliquot #5: Latitude: 33 56 05.6387° N Longitude 86.80485724° W

Media description: CV0126A5 Same soil

STATION ID: CV0126B SAMPLE ID: CV0126B-CS

SAMPLE COLLECTION TIME: 1500

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Side yard (fenced & non-fenced area) 47.5 feet

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID:

GPS Coordinates: Trimble [X] Instrument #: 018581 Logged? Y or N

Aliquot #1: Latitude: 33 56 04.9072° N Longitude 86.80479227° W

Media description: CV0126B1 DK brown ^{topsoil} silty clay ^{to clay} m-f ~~damp~~ w/ coal fragments

Aliquot #2: Latitude: 33 56 06.0241° N Longitude 86.80478197° W

Media description: CV0126B2 DK brown silty clay m-f damp w/ coal fragments

Aliquot #3: Latitude: 33 56 05.4355° N Longitude 86.80474069° W

Media description: CV0126B3 Same soil

Aliquot #4: Latitude: 33 56 04.8994° N Longitude 86.80469171° W

Media description: CV0126B4 Same soil

Aliquot #5: Latitude: 33 56 06.0289° N Longitude 86.80467054° W

Media description: CV0126B5 Same soil

(b) (6)

ADDRESS: _____

(continued)

PROPERTY ID: CVO126

DATE: _____ ARRIVAL TIME: _____

Other pertinent information (weather conditions, etc.):

PROPERTY COMMENTS:

Grid for property sketch

Sketch or Pg 34

STATION ID: CNU126C SAMPLE ID: CNU126C-CS

SAMPLE COLLECTION TIME: 1515

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Brick yard (fenced & non-fenced area) CS to House = 69 feet

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID:

GPS Coordinates: Trimble [X] Instrument #:	<u>018581</u>	Logged? <u>Y</u> or N
Aliquot #1: Latitude:	<u>33.56045641°</u>	N Longitude <u>86.80456647°</u> W
Media description:	<u>CNU126C1</u> DIC brn sly clay m-f damp	
Aliquot #2 Latitude:	<u>33.56060062°</u>	N Longitude <u>86.80456353°</u> W
Media description:	<u>CNU126C2</u> Same Soi.)	
Aliquot #3: Latitude:	<u>33.56055170°</u>	N Longitude <u>86.80453058°</u> W
Media description:	<u>CNU126C3</u> Same Soi.)	
Aliquot #4: Latitude:	<u>33.56045418°</u>	N Longitude <u>86.80447950°</u> W
Media description:	<u>CNU126C4</u> Same Soi.)	
Aliquot #5: Latitude:	<u>33.56060029°</u>	N Longitude <u>86.80447398°</u> W
Media description:	<u>CNU126C5</u> Same soil	

STATION ID: _____ SAMPLE ID: _____

SAMPLE COLLECTION TIME: _____

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID:

GPS Coordinates: Trimble [] Instrument #:	Logged? Y or N	
Aliquot #1: Latitude:	N Longitude	W
Media description:		
Aliquot #2 Latitude:	N Longitude	W
Media description:		
Aliquot #3: Latitude:	N Longitude	W
Media description:		
Aliquot #4: Latitude:	N Longitude	W
Media description:		
Aliquot #5: Latitude:	N Longitude	W
Media description:		

(b) (6)

ADDRESS: _____

PROPERTY ID: CN 0048

DATE: 11/29/12

ARRIVAL TIME: 0850

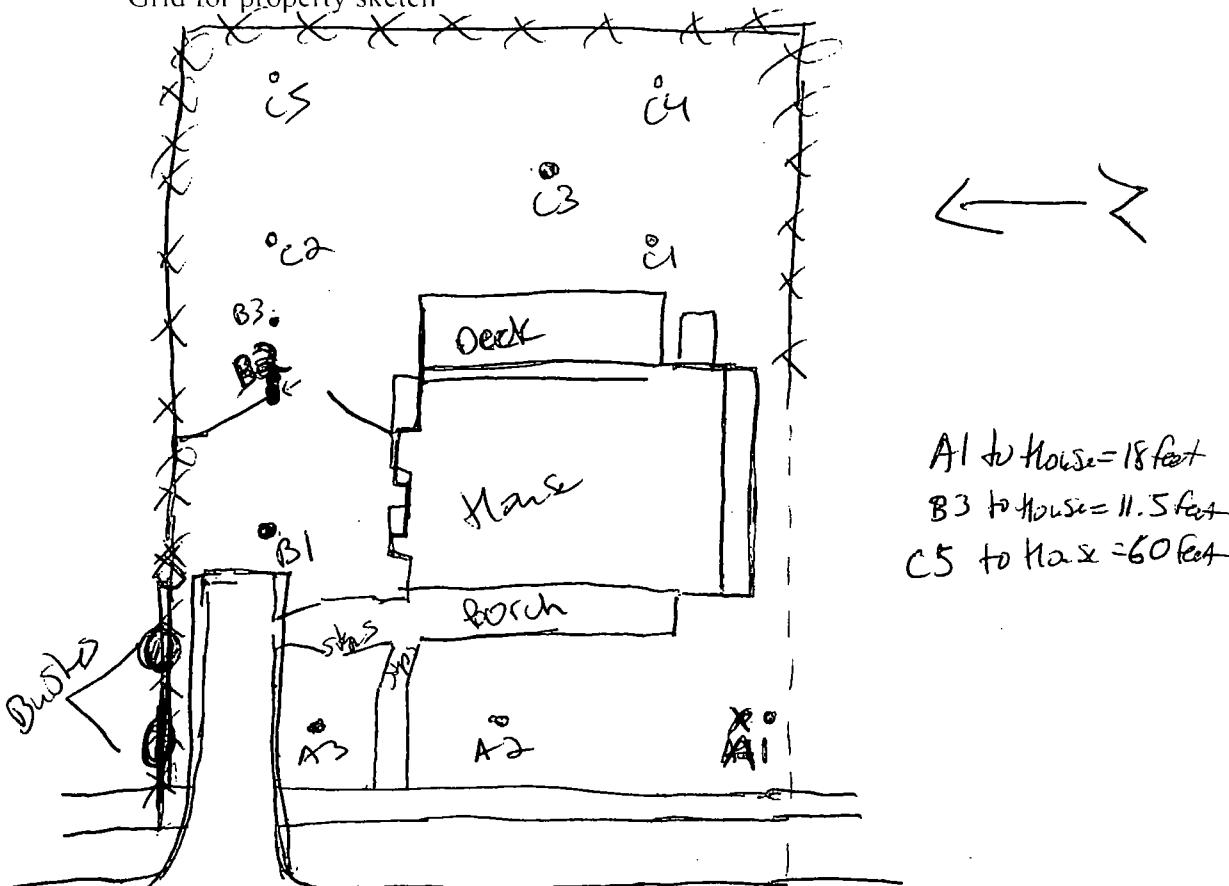
Other pertinent information (weather conditions, etc.):

Sunny Edlear

PROPERTY COMMENTS:

no playset or garden

Grid for property sketch



(b) (6)

STATION ID: CW0248A SAMPLE ID: CW0248A-CS

SAMPLE COLLECTION TIME: 0910

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Front yard

Collection: Composite or Grab MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: CW0248A-CSD

GPS Coordinates: Trimble GPS Instrument #: 018581 Logged? Y or N

Aliquot #1: Latitude: 33.55505566° N Longitude 86.80270384° W
Media description: CW0248A1 BIL SIT f dmp w/fall

Aliquot #2: Latitude: 33.55509344° N Longitude 86.80270270° W
Media description: CW0248A2 Same Soil

Aliquot #3: Latitude: 33.55512753° N Longitude 86.80270232° W
Media description: CW0248A3 Same Soil

Aliquot #4: Latitude: 33.55515432° N Longitude 86.80261782° W
Media description: CW0248B1 OK brown SIT f dmp w/fall

Aliquot #5: Latitude: 33.55515023° N Longitude 86.80253716° W
Media description: CW0248B2 Same Soil

STATION ID: CW0248B SAMPLE ID: CW0248B-CS

SAMPLE COLLECTION TIME: 0925

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Side yard

Collection: Composite or Grab MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: _____

GPS Coordinates: Trimble GPS Instrument #: 018581 Logged? Y or N

Aliquot #1: Latitude: 33.55515432° N Longitude 86.80261782° W
Media description: CW0248B1 OK brown SIT f dmp w/fall

Aliquot #2: Latitude: 33.55515023° N Longitude 86.80253716° W
Media description: CW0248B2 Same Soil

Aliquot #3: Latitude: 33.55515276° N Longitude 86.80247233° W
Media description: CW0248B3 Same Soil

Aliquot #4: Latitude: 33.55515432° N Longitude 86.80261782° W
Media description: CW0248B4 Same Soil

Aliquot #5: Latitude: 33.55515023° N Longitude 86.80253716° W
Media description: CW0248B5 Same Soil

(b) (6)

ADDRESS _____ PROPERTY ID: CM0248

DATE: 11/29/12 ARRIVAL TIME: (con)

Other pertinent information (weather conditions, etc.):

PROPERTY COMMENTS:

Grid for property sketch

Sketch on pg 38



STATION ID: CN0248C SAMPLE ID: CN0248C-CS

SAMPLE COLLECTION TIME: 0940

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Back yard

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID:

GPS Coordinates: Trimble <input checked="" type="checkbox"/>	Instrument #:	<u>018581</u>	Logged? <input checked="" type="checkbox"/> or N
Aliquot #1: Latitude:	<u>33-55508386°</u>	N Longitude	<u>86-80241324°</u> W
Media description:	<u>CN0248C1</u> <u>OK brown silt f damp w/AH</u>		
Aliquot #2 Latitude:	<u>33-55514654°</u>	N Longitude	<u>86-80241875°</u> W
Media description:	<u>CN0248C2</u> <u>Same soil</u>		
Aliquot #3: Latitude:	<u>33-55510552°</u>	N Longitude	<u>86-80236316°</u> W
Media description:	<u>CN0248C3</u> <u>Same soil</u>		
Aliquot #4: Latitude:	<u>33-55508012°</u>	N Longitude	<u>86-80230078°</u> W
Media description:	<u>CN0248C4</u> <u>same soil, but also w/ coal fragments</u>		
Aliquot #5: Latitude:	<u>33-555141179°</u>	N Longitude	<u>86-80229923°</u> W
Media description:	<u>CN0248C5</u> <u>Same soil, but also w/ coal fragments as #1-3</u>		

STATION ID: _____ SAMPLE ID: _____

SAMPLE COLLECTION TIME: _____

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or <u>No</u> If yes, indicate Duplicate/split sample station ID:
GPS Coordinates: Trimble <input type="checkbox"/> Instrument # _____ Logged? Y or N
Aliquot #1: Latitude: _____ N Longitude: _____ W
Media description: _____
Aliquot #2 Latitude: _____ N Longitude: _____ W
Media description: _____
Aliquot #3: Latitude: _____ N Longitude: _____ W
Media description: _____
Aliquot #4: Latitude: _____ N Longitude: _____ W
Media description: _____
Aliquot #5: Latitude: _____ N Longitude: _____ W
Media description: _____

(b) (6)

ADDRESS:

PROPERTY ID: CV-0736

DATE: 11/29/12

ARRIVAL TIME: 0955

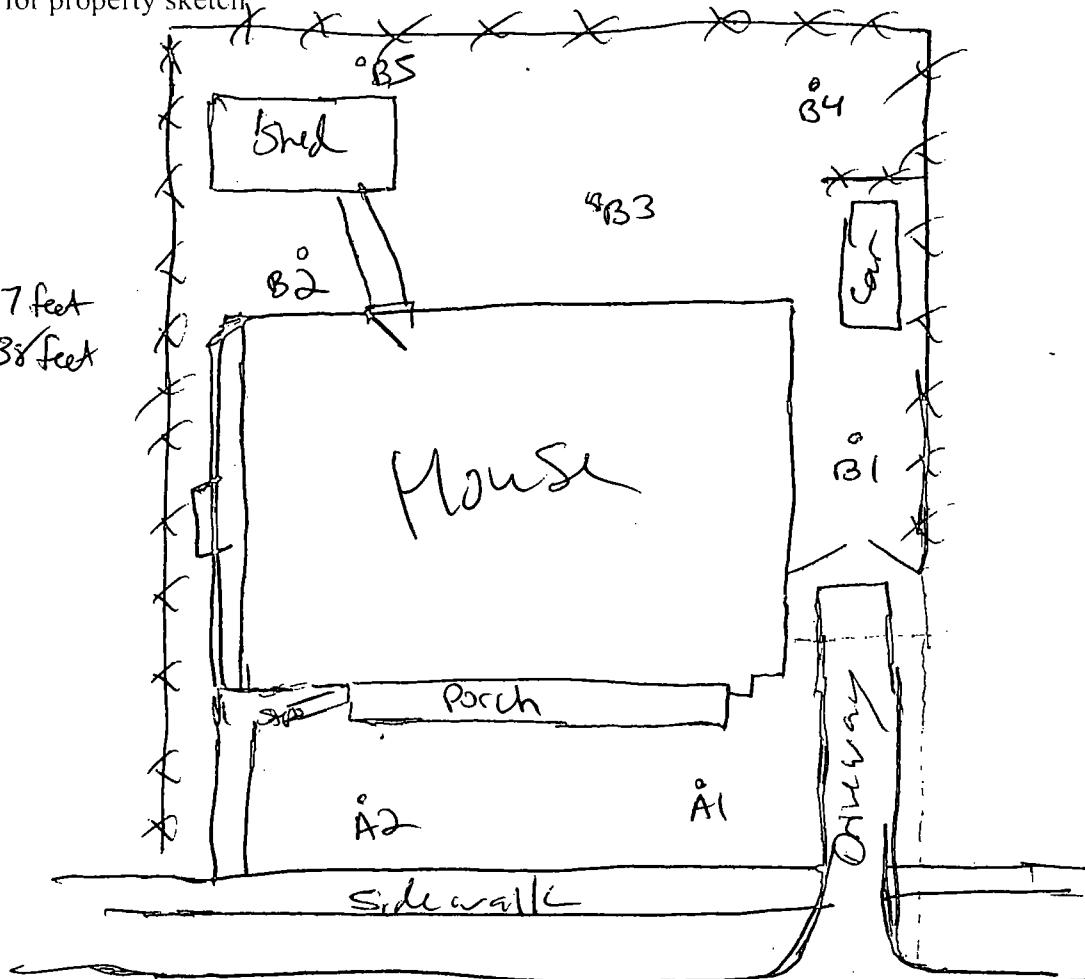
Other pertinent information (weather conditions, etc.):

Sunny & clear

PROPERTY COMMENTS:

no playset or garden

Grid for property sketch



(b) (6)

STATION ID: CN 0736A SAMPLE ID: CN 0736A-CS

SAMPLE COLLECTION TIME: 1015

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Front yard

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID:

GPS Coordinates: Trimble [X] Instrument #: 0185B1	Logged? Y or N
Aliquot #1: Latitude: 33.55343460° N Longitude 86.80411970° W	
Media description: CN0736A1	OK brown silt f damp
Aliquot #2 Latitude: 33.55342570° N Longitude 86.80417171° W	
Media description: CN0736A2	same soil
Aliquot #3: Latitude: _____ N Longitude _____ W	
Media description: _____	
Aliquot #4: Latitude: _____ N Longitude _____ W	
Media description: _____	
Aliquot #5: Latitude: _____ N Longitude _____ W	
Media description: _____	

STATION ID: CN 0736B SAMPLE ID: CN 0736B-CS

SAMPLE COLLECTION TIME: 1025

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Back yard and one on side yard post driveway

Collection: Composite or Grab

MS/MSD? Y or N

GPS Coordinates: Trimble [X] Instrument #: 0185B1	Logged? Y or N
Aliquot #1: Latitude: 33.55356179° N Longitude 86.80407472° W	
Media description: CN0736B1	OK brown silt f damp
Aliquot #2 Latitude: 33.55363610° N Longitude 86.80416675° W	
Media description: CN0736B2	same soil
Aliquot #3: Latitude: 33.55365222° N Longitude 86.80412051° W	
Media description: CN0736B3	same soil
Aliquot #4: Latitude: 33.55369887° N Longitude 86.80407898° W	
Media description: CN0736B4	same soil
Aliquot #5: Latitude: 33.55370706° N Longitude 86.80415610° W	
Media description: CN0736B5	same soil

(b) (6)

ADDRESS: 103 PROPERTY ID: CV0735

DATE: 103 11/29/12 ARRIVAL TIME: 1035

Other pertinent information (weather conditions, etc.):

Sunny & clear

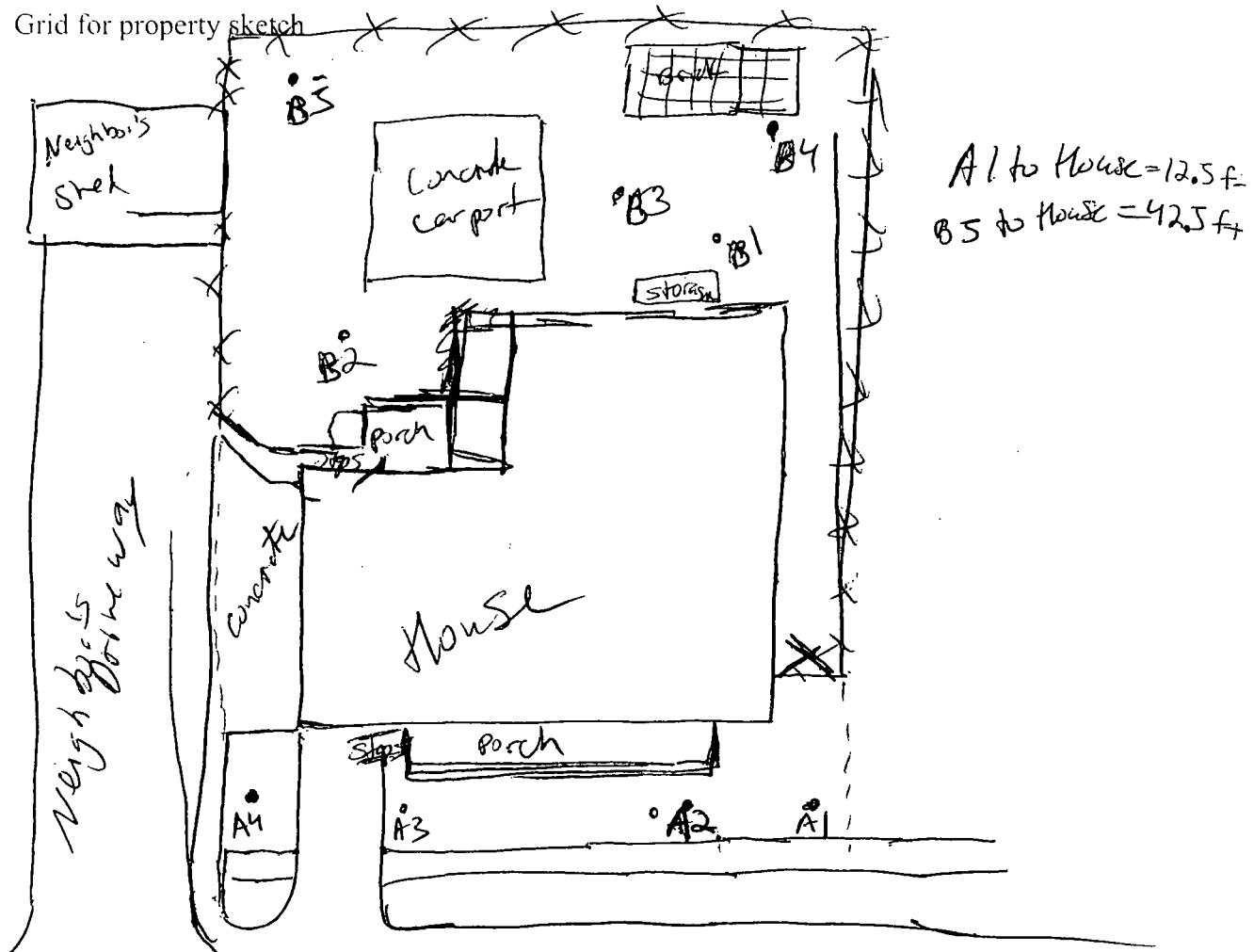
PROPERTY COMMENTS:

no play sets or gardens

concrete and brick pads in back yard changed

driveway some

Grid for property sketch



(b) (6)

STATION ID: CV0735A SAMPLE ID: CV0735A-CS

SAMPLE COLLECTION TIME: 1050

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Front yard

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID:

GPS Coordinates: Trimble [X] Instrument #: 08581 Logged? Y or N

Aliquot #1: Latitude: 33-55339235° N Longitude 86-80323696° W

Media description: CV0735A1 OK bwn to blk sly clay m-f damp w/ coal fragm

Aliquot #2 Latitude: 33-55339031° N Longitude 86-80327515° W

Media description: CV0735A2 Same soil

Aliquot #3: Latitude: 33-55339368° N Longitude 86-80331403° W

Media description: CV0735A3 same soil

Aliquot #4: Latitude: 33-55339522° N Longitude 86-80338551° W

Media description: CV0735A4 same soil

Aliquot #5: Latitude: _____ N Longitude: _____ W

Media description: _____

STATION ID: CV0735B SAMPLE ID: CV0735B-CS

SAMPLE COLLECTION TIME: 1105

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Back yard

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID:

GPS Coordinates: Trimble [X] Instrument #: 018581 Logged? Y or N

Aliquot #1: Latitude: 33-553584173° N Longitude 86-80326183° W

Media description: CV07535B1 OK bwn to blk sly clay m-f damp

Aliquot #2 Latitude: 33-55354948° N Longitude 86-80335879° W

Media description: CV075382 OK bwn to blk sly clay m-f damp w/fill

Aliquot #3: Latitude: 33-55361372° N Longitude 86-80330119° W

Media description: CV075383 OK bwn to blk sly clay m-f damp

Aliquot #4: Latitude: 33-55363890° N Longitude 86-80323889° W

Media description: CV075284 same soil

Aliquot #5: Latitude: 33-55366906° N Longitude 86-80335265° W

Media description: CV075385 same soil

(b) (6)

ADDRESS:

PROPERTY ID: HP 0208

DATE: 11/29/12

ARRIVAL TIME: 13:35

Other pertinent information (weather conditions, etc.):

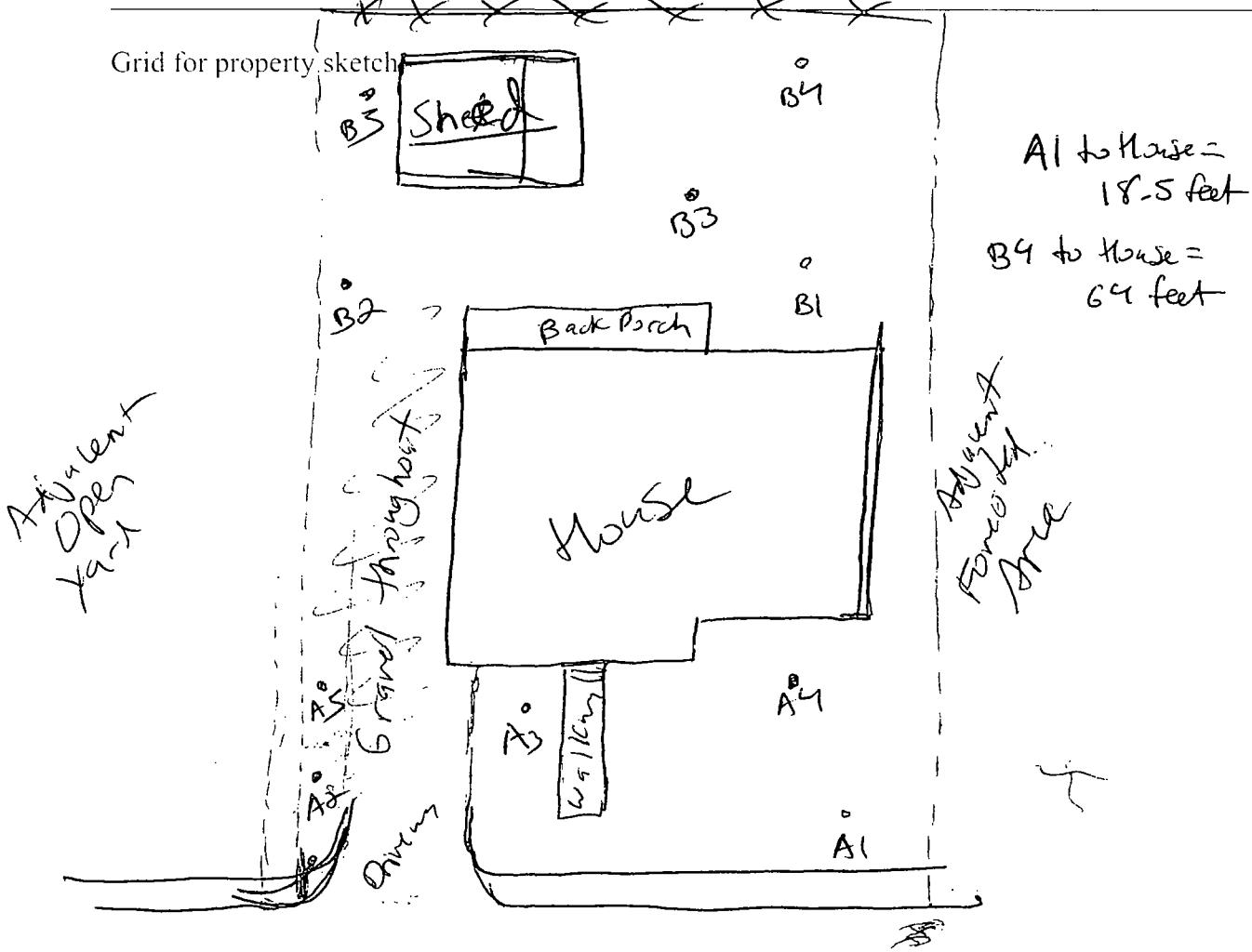
Sunny & clear

PROPERTY COMMENTS:

no playsets or garden

Dog chained up in back, but friendly

Grid for property sketch:



STATION ID: HP0208A SAMPLE ID: HP0208A-CS

SAMPLE COLLECTION TIME: 1405

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Front yard

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID:

GPS Coordinates: Trimble <input checked="" type="checkbox"/> Instrument #: <u>018581</u>	Logged? Y or <u>N</u>
Aliquot #1: Latitude: <u>33-56573409°</u>	N Longitude <u>86-79009818°</u> W
Media description: <u>HP0208A1</u>	<u>dk burn slt f drap</u>
Aliquot #2 Latitude: <u>33-565741853°</u>	N Longitude <u>86-79020981°</u> W
Media description: <u>HP0208A2</u>	<u>same soil w/ some gravel</u>
Aliquot #3: Latitude: <u>33-56577755°</u>	N Longitude <u>86-79013720°</u> W
Media description: <u>HP0208A3</u>	<u>same soil</u>
Aliquot #4: Latitude: <u>33-56578932°</u>	N Longitude <u>86-79007355°</u> W
Media description: <u>HP0208A4</u>	<u>same soil w/ some gravel</u>
Aliquot #5: Latitude: <u>33-56578297°</u>	N Longitude <u>86-79018963°</u> W
Media description: <u>HP0208A5</u>	<u>same soil w/ some gravel</u>

STATION ID: HP0208B SAMPLE ID: HP0208B-CS

SAMPLE COLLECTION TIME: 1415

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Back yard

Collection: Composite or Grab

MS/MSD? Y or N

GPS Coordinates: Trimble <input checked="" type="checkbox"/> Instrument #: <u>018581</u>	Logged? <u>Y</u> or N
Aliquot #1: Latitude: <u>33-56595126°</u>	N Longitude <u>86-79006993°</u> W
Media description: <u>HP0208B1</u>	<u>dk burn slt f drap</u>
Aliquot #2 Latitude: <u>33-56594597°</u>	N Longitude <u>86-79017757°</u> W
Media description: <u>HP0208B2</u>	<u>same soil w/ gravel</u>
Aliquot #3: Latitude: <u>33-56601127°</u>	N Longitude <u>86-79008835°</u> W
Media description: <u>HP0208B3</u>	<u>same soil w/ gravel</u>
Aliquot #4: Latitude: <u>33-56608741°</u>	N Longitude <u>86-79006491°</u> W
Media description: <u>HP0208B4</u>	<u>same soil</u>
Aliquot #5: Latitude: <u>33-56606437°</u>	N Longitude <u>86-79018225°</u> W
Media description: <u>HP0208B5</u>	<u>same soil</u>

(b) (6)

ADDRESS:

PROPERTY ID: MP0116

DATE: 11/29/12

ARRIVAL TIME: 1427

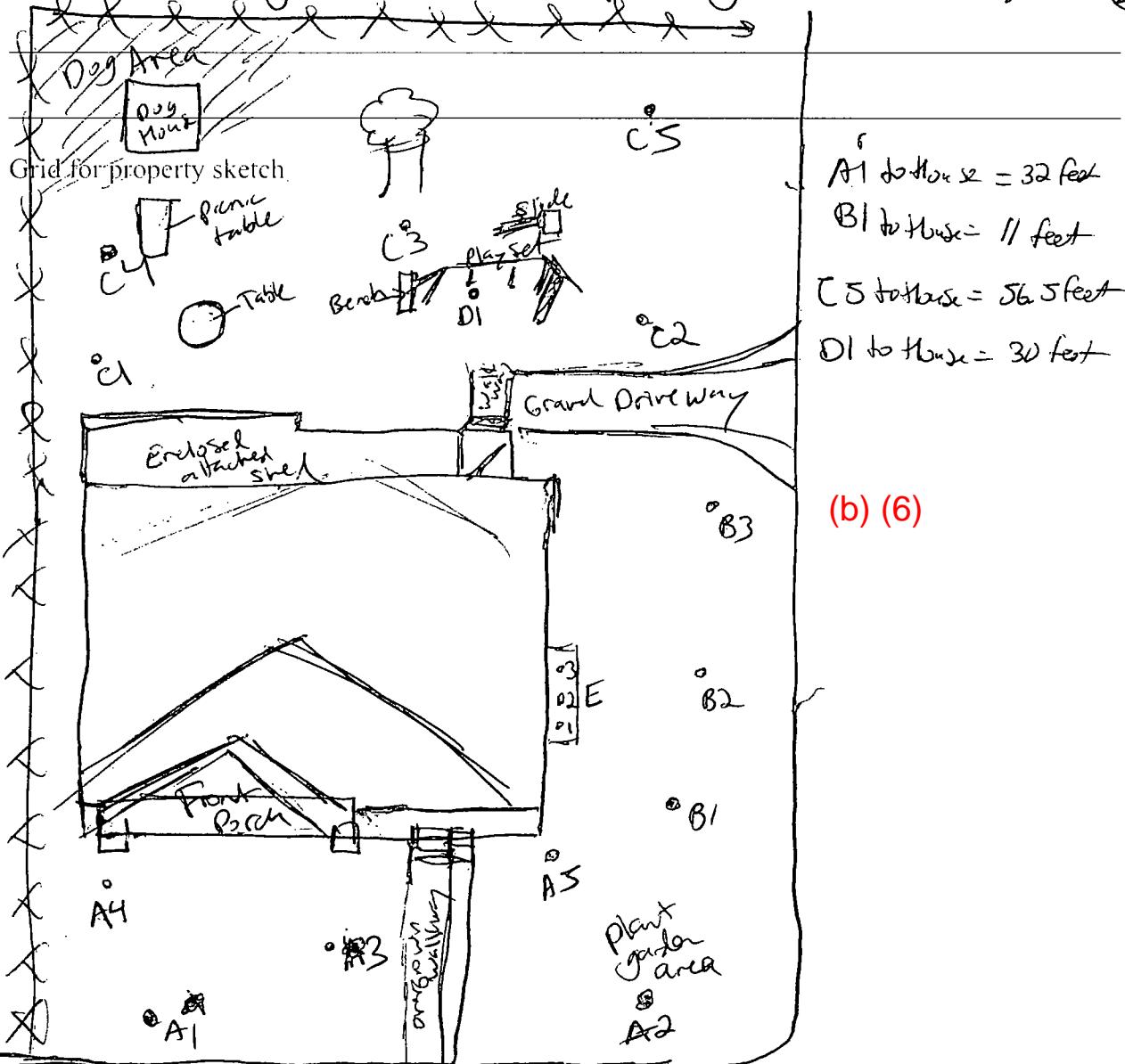
Other pertinent information (weather conditions, etc.):

sunny & clear

PROPERTY COMMENTS:

playset in back yard (D1)

vegetable (tomato plants) garden on side yard (E)



(b) (6)

STATION ID: HPO116A SAMPLE ID: HPO116A-CS

SAMPLE COLLECTION TIME: 1450

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Front Yard

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID:

GPS Coordinates: Trimble <input checked="" type="checkbox"/> Instrument #: <u>018581</u>	Logged? <input checked="" type="checkbox"/> Y or N
Aliquot #1: Latitude: <u>33.56483734°</u>	N Longitude <u>86.79279707° W</u>
Media description: <u>HPO116A1</u>	<u>OK bwn sly clay m-f dmp</u>
Aliquot #2 Latitude: <u>33.56483382°</u>	N Longitude <u>86.79288509° W</u>
Media description: <u>HPO116A2</u>	<u>Same soil</u>
Aliquot #3: Latitude: <u>33.56480806°</u>	N Longitude <u>86.79282580° W</u>
Media description: <u>HPO116A3</u>	<u>Same soil</u>
Aliquot #4: Latitude: <u>33.56478570°</u>	N Longitude <u>86.79278661° W</u>
Media description: <u>HPO116A4</u>	<u>Same soil</u>
Aliquot #5: Latitude: <u>33.56477517°</u>	N Longitude <u>86.79286456° W</u>
Media description: <u>HPO116A5</u>	<u>Same soil</u>

STATION ID: HPO116B SAMPLE ID: HPO116B-CS

SAMPLE COLLECTION TIME: 1505

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Side yard

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID:

GPS Coordinates: Trimble <input checked="" type="checkbox"/> Instrument #: <u>018581</u>	Logged? <input checked="" type="checkbox"/> Y or N
Aliquot #1: Latitude: <u>33.56473159°</u>	N Longitude <u>86.79289181° W</u>
Media description: <u>HPO116B1</u>	<u>OK bwn sly clay m-f dmp</u>
Aliquot #2 Latitude: <u>33.56469695°</u>	N Longitude <u>86.79289669° W</u>
Media description: <u>HPO116B2</u>	<u>Same soil</u>
Aliquot #3: Latitude: <u>33.56465249°</u>	N Longitude <u>86.79290131° W</u>
Media description: <u>HPO116B3</u>	<u>Same soil</u>
Aliquot #4: Latitude: _____	N Longitude _____ W
Media description: _____	_____
Aliquot #5: Latitude: _____	N Longitude _____ W
Media description: _____	_____

(b) (6)

ADDRESS: _____ PROPERTY ID: HPO16(2n)
DATE: 11/29/12 ARRIVAL TIME: (cont) _____

Other pertinent information (weather conditions, etc.):

PROPERTY COMMENTS:

Grid for property sketch

Sketch on pg 48

STATION ID: HPO116C SAMPLE ID: HPO116C-CS

SAMPLE COLLECTION TIME: 1520

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Back yard

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID:

GPS Coordinates: Trimble <u>A</u> Instrument #: <u>A8581</u>	Logged? <u>Y</u> or N
Aliquot #1: Latitude: <u>33.56458859°</u>	N Longitude <u>86.79289669° W</u>
Media description: <u>HPO116C1</u>	<u>OK brown silt clay m-f damp</u>
Aliquot #2 Latitude: <u>33.56459040°</u>	N Longitude <u>86.79277737° W</u>
Media description: <u>HPO116C2</u>	<u>Same soil</u>
Aliquot #3: Latitude: <u>33.56452886°</u>	N Longitude <u>86.79283743° W</u>
Media description: <u>HPO116C3</u>	<u>Same soil</u>
Aliquot #4: Latitude: <u>33.56454947°</u>	N Longitude <u>86.79277482° W</u>
Media description: <u>HPO116C4</u>	<u>Same soil</u>
Aliquot #5: Latitude: <u>33.56448201°</u>	N Longitude <u>86.79289760° W</u>
Media description: <u>HPO116C5</u>	<u>Same soil</u>

STATION ID: HPO116-DPS SAMPLE ID: HPO116-D-6S

SAMPLE COLLECTION TIME: 1530

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

play set (under swing)

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID:

GPS Coordinates: Trimble <u>A</u> Instrument #: <u>018581</u>	Logged? <u>Y</u> or N
Aliquot #1: Latitude: <u>33.56455584°</u>	N Longitude <u>86.79286787° W</u>
Media description: <u>HPO116.D1</u>	<u>OK brown silt clay m-f damp</u>
Aliquot #2 Latitude: _____	N Longitude _____ W
Media description: _____	_____
Aliquot #3: Latitude: _____	N Longitude _____ W
Media description: _____	_____
Aliquot #4: Latitude: _____	N Longitude _____ W
Media description: _____	_____
Aliquot #5: Latitude: _____	N Longitude _____ W
Media description: _____	_____

ADDRESS: Conting PROPERTY ID: HPO116(Con)
DATE: 11/29/12 ARRIVAL TIME: _____

Other pertinent information (weather conditions, etc.):

PROPERTY COMMENTS:

Grid for property sketch

Sketch on 48

STATION ID: HPO116E SAMPLE ID: HPO116E-CS

SAMPLE COLLECTION TIME: 1540

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

vegetable Garden (tomatoes)

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID:

GPS Coordinates: Trimble <input checked="" type="checkbox"/> Instrument #: <u>018581</u>	Logged? <input checked="" type="checkbox"/> Y or N
Aliquot #1: Latitude: <u>33.56472004°</u>	N Longitude <u>86.79287667°</u> W
Media description: <u>HPO116E1</u>	<u>DIC bwn slty dry n-f damp</u>
Aliquot #2: Latitude: <u>33.56470876°</u>	N Longitude <u>86.79288695°</u> W
Media description: <u>HPO116E2</u>	<u>Same soil</u>
Aliquot #3: Latitude: <u>33.56470102°</u>	N Longitude <u>86.79288329°</u> W
Media description: <u>HPO116E3</u>	<u>same soil</u>
Aliquot #4: Latitude: _____	N Longitude _____ W
Media description: _____	_____
Aliquot #5: Latitude: _____	N Longitude _____ W
Media description: _____	_____

STATION ID: _____ SAMPLE ID: _____

SAMPLE COLLECTION TIME: _____

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: _____

GPS Coordinates: Trimble <input type="checkbox"/> Instrument #: _____	Logged? Y or N
Aliquot #1: Latitude: _____	N Longitude _____ W
Media description: _____	_____
Aliquot #2: Latitude: _____	N Longitude _____ W
Media description: _____	_____
Aliquot #3: Latitude: _____	N Longitude _____ W
Media description: _____	_____
Aliquot #4: Latitude: _____	N Longitude _____ W
Media description: _____	_____
Aliquot #5: Latitude: _____	N Longitude _____ W
Media description: _____	_____

(b) (6)

ADDRESS:

PROPERTY ID: CV 6268

DATE: 11/30/12

ARRIVAL TIME: 0845

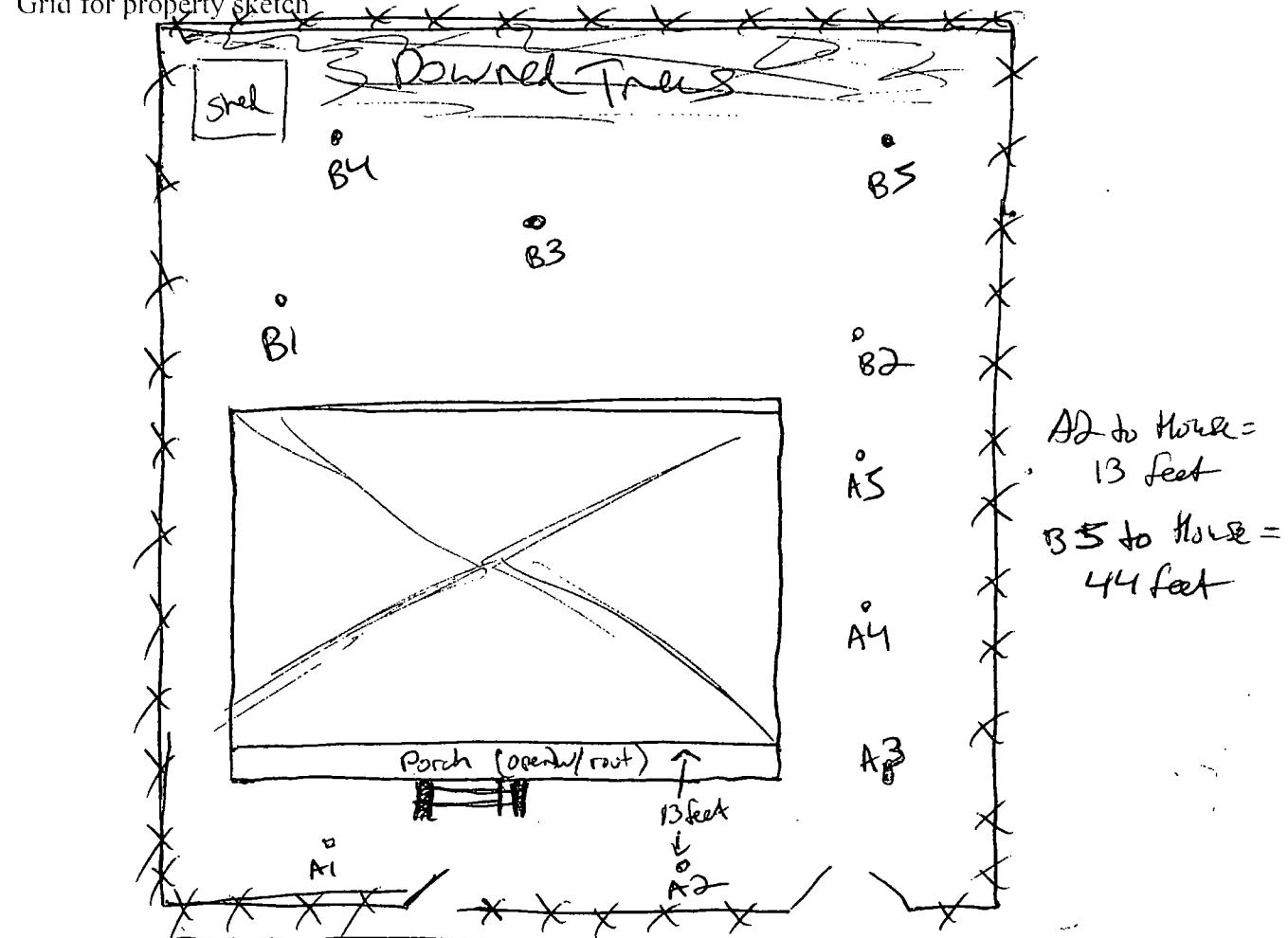
Other pertinent information (weather conditions, etc.):

mostly cloudy cool, 52°F

PROPERTY COMMENTS:

no play sets or gardens, Downed trees in back of property blocking my back and knocked over fence and clothesline

Grid for property sketch



(b) (6)

STATION ID: CN0268A SAMPLE ID: CN0268A-CS

SAMPLE COLLECTION TIME: 0900

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Front & side yard (North side)

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: _____

GPS Coordinates:	Trimble <input checked="" type="checkbox"/> Instrument #:	<u>018581</u>	Logged? <input checked="" type="checkbox"/> Y or N
Aliquot #1:	Latitude:	<u>33.55782379°</u>	N Longitude <u>86.80314680°</u> W
	Media description:	<u>CN0268A1</u> <u>OK bwn slt m-f dmp</u>	
Aliquot #2:	Latitude:	<u>33.55786230°</u>	N Longitude <u>86.80314525°</u> W
	Media description:	<u>CN0268A2</u> <u>Same soil</u>	
Aliquot #3:	Latitude:	<u>33.55790304°</u>	N Longitude <u>86.80317277°</u> W
	Media description:	<u>CN0268A3</u> <u>Same soil</u>	
Aliquot #4:	Latitude:	<u>33.55789765°</u>	N Longitude <u>86.80321738°</u> W
	Media description:	<u>CN0268A4</u> <u>Same soil</u>	
Aliquot #5:	Latitude:	<u>33.55790183°</u>	N Longitude <u>86.80327968°</u> W
	Media description:	<u>CN0268A5</u> <u>Same soil</u>	

STATION ID: CN0268B SAMPLE ID: CN0268B-CS

SAMPLE COLLECTION TIME: 0915

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Back yard

Collection: Composite or Grab

MS/MSD? Y or N

GPS Coordinates:	Trimble <input checked="" type="checkbox"/> Instrument #:	<u>018581</u>	Logged? <input checked="" type="checkbox"/> Y or N
Aliquot #1:	Latitude:	<u>33.55781399°</u>	N Longitude <u>86.80335554°</u> W
	Media description:	<u>CN0268B1</u> <u>OK bwn slt m-f dmp</u>	
Aliquot #2:	Latitude:	<u>33.55789835°</u>	N Longitude <u>86.80334320°</u> W
	Media description:	<u>CN0268B2</u> <u>Sam soil</u>	
Aliquot #3:	Latitude:	<u>33.55785822°</u>	N Longitude <u>86.80340947°</u> W
	Media description:	<u>CN0268B3</u> <u>Sam soil</u>	
Aliquot #4:	Latitude:	<u>33.55782606°</u>	N Longitude <u>86.80347407°</u> W
	Media description:	<u>CN0268B4</u> <u>Sam soil</u>	
Aliquot #5:	Latitude:	<u>33.55790669°</u>	N Longitude <u>86.80347202°</u> W
	Media description:	<u>CN0268B5</u> <u>Sam soil</u>	

(b) (6)

ADDRESS:

PROPERTY ID: TIP0183

DATE: 11/30/12

ARRIVAL TIME 09:48

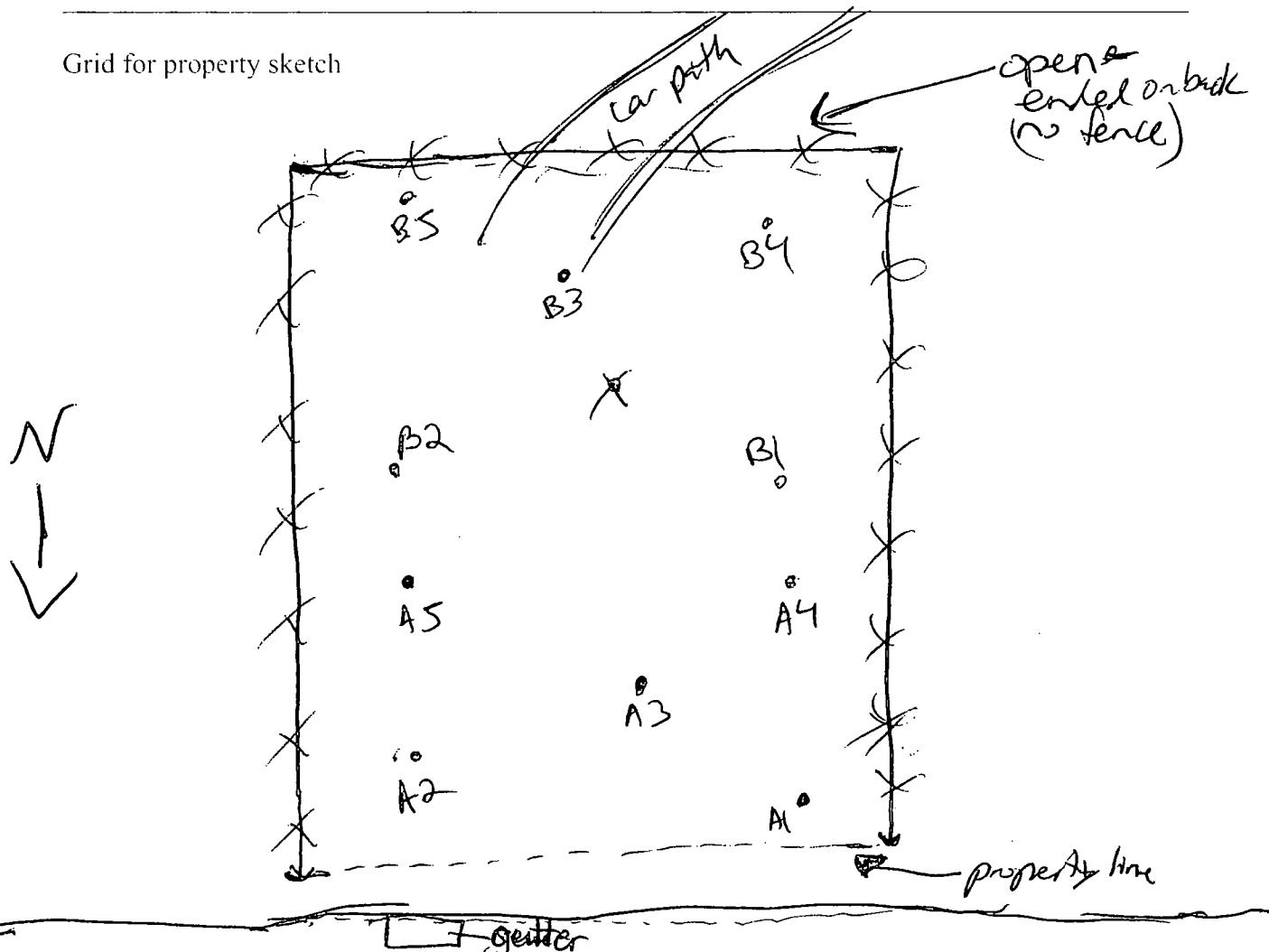
Other pertinent information (weather conditions, etc.):

mostly cloudy, cool, 55° F

PROPERTY COMMENTS:

Vacant land city parcel, adjacent
to houses on either side, back ^{SW corner} adjoining other city parcels

Grid for property sketch



(b) (6)

STATION ID: HPO183A SAMPLE ID: HPO183A-CS

SAMPLE COLLECTION TIME: 1005

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

North half

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID:

GPS Coordinates: Trimble <input checked="" type="checkbox"/>	Instrument #:	<u>018581</u>	Logged? <input checked="" type="checkbox"/> Y or N
Aliquot #1: Latitude: <u>33.56571399°</u>	N Longitude	<u>86.79245025°</u>	W
Media description: <u>HPO183A1</u>	<u>1 ft bdn to bdn sly cl f dmp</u>		
Aliquot #2 Latitude: <u>33.56569839°</u>	N Longitude	<u>86.79236033°</u>	W
Media description: <u>HPO183A2</u>	<u>Same soil</u>		
Aliquot #3: Latitude: <u>33.56560313°</u>	N Longitude	<u>86.79240079°</u>	W
Media description: <u>HPO183A3</u>	<u>Same soil</u>		
Aliquot #4: Latitude: <u>33.56553538°</u>	N Longitude	<u>86.79244267°</u>	W
Media description: <u>HPO183A4</u>	<u>Same soil</u>		
Aliquot #5: Latitude: <u>33.56554035°</u>	N Longitude	<u>86.79235918°</u>	W
Media description: <u>HPO183A5</u>	<u>same soil</u>		

STATION ID: HPO183B SAMPLE ID: HPO183B-CS

SAMPLE COLLECTION TIME: 1025

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

South half

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: HPO183 B-CS

GPS Coordinates: Trimble <input checked="" type="checkbox"/>	Instrument #:	<u>018581</u>	Logged? <input checked="" type="checkbox"/> Y or N
Aliquot #1: Latitude: <u>33.56546681°</u>	N Longitude	<u>86.79243587°</u>	W
Media description: <u>HPO183B1</u>	<u>1 ft bdn to bdn sly cl f dmp w/ grnd</u>		
Aliquot #2 Latitude: <u>33.56546476°</u>	N Longitude	<u>86.79243587°</u>	W
Media description: <u>HPO183B2</u>	<u>same soil</u>		
Aliquot #3: Latitude: <u>33.56538602°</u>	N Longitude	<u>86.79238274°</u>	W
Media description: <u>HPO183B3</u>	<u>same soil</u>		
Aliquot #4: Latitude: <u>33.56534655°</u>	N Longitude	<u>86.79243447°</u>	W
Media description: <u>HPO183B4</u>	<u>same soil (very compact soil)</u>		
Aliquot #5: Latitude: <u>33.56534954°</u>	N Longitude	<u>86.79233642°</u>	W
Media description: <u>HPO183B5</u>	<u>same soil - very compact soil</u>		

The remaining pages in this logbook are blank and have not been scanned.